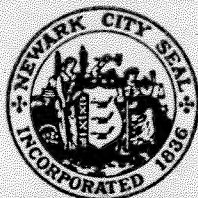


**Newark Fire Department**

**1986**

**ONE HUNDRED-ONE**

**ANNUAL REPORT**



**SHARPE JAMES, Mayor**

**MUNICIPAL COUNCIL**

**HENRY MARTINEZ, President**

**GEORGE BRANCH, Central Ward  
ANTHONY CARRINO, North Ward  
RALPH T. GRANT, JR., At-Large  
EARL HARRIS, At-Large**

**DONALD PAYNE, South Ward  
RONALD L. RICE, West Ward  
DONALD TUCKER, At-Large  
MARIE L. VILLANI, At-Large**

**RICHARD MONTEILH, Business Administrator**

**CLAUDE M. COLEMAN, Fire Director**

**NEWARK, NEW JERSEY**

# FIRE DEPARTMENT ANNUAL REPORT 1986

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# Newark

Sharpe James  
Mayor

## Fire Department

1010 18th Avenue  
Newark, New Jersey 07106  
201 733-7424

Claude M. Coleman  
Director

March 14, 1987

The Honorable Sharpe James  
Mayor, City of Newark  
City Hall  
920 Broad Street  
Newark, New Jersey

Dear Mayor James:

Please find herewith the Newark Fire Department's Annual Report for the year 1986, respectfully submitted for your attention and approval.

The Fire Department will continue to meet its primary goal of Fire Prevention and Fire Suppression. We continue to believe, too, that the most proficient methods of achieving these goals are through fire safety education and fire code enforcement. Thus, we have embarked upon an energetic and vigorous program that treats every week as Fire Prevention Week, in which we visited every public and private school, distributed 3,000 Fire Prevention posters and put on numerous Fire Prevention demonstrations. Our credo is that an educated and aware citizenry translates into fewer fires, fewer fire deaths and less economic losses due to fire.

Because of our increased efforts, we have experienced a 35% decrease in fire fatalities, the lowest level since 1976. We realize, too, that even the figure of eighteen fire deaths is an unacceptable one, and we will continue our efforts to further reduce this figure.

On the other side, however, the decrease in fire fatalities was offset by a 26% increase in motor vehicle fires, a most dramatic increase, which represents a 39% increase since 1984. At this very moment, however, a Task Force of Police, Prosecutor's detectives, insurance investigators and Arson detectives are addressing this problem, and we shall await the results of their efforts in 1987.

Of course, any results achieved, or to be achieved, is dependent upon the willing and enthusiastic efforts of the administrative staff and upon the dedication and cooperation of all the people in this Department. I am certainly grateful to them for their help and support.

# Newark

Sharpe James  
Mayor

**Fire Department**

1010 18th Avenue  
Newark, New Jersey 07106  
201 733-7424

**Claude M. Coleman**  
Director

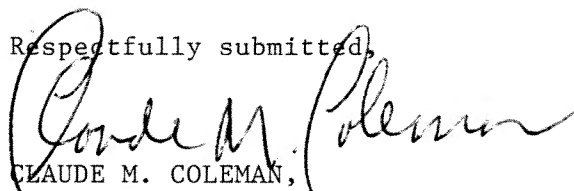
The Honorable Sharpe James  
Mayor, City of Newark

Page 2

March 14, 1987

We are also grateful to you, Mr. Mayor, to the Business Administrator, Members of the City Council, and to all the Department Directors, whose concern, cooperation and coordination of efforts were instrumental in helping us achieve our goals.

Respectfully submitted,



CLAUDE M. COLEMAN,  
Director, Fire Department

CMC:EC

# Newark

Sharpe James  
Mayor

## Fire Department

1010 18th Avenue  
Newark, New Jersey 07106  
201 733-7424

Claude M. Coleman  
Director

February 26, 1987

Hon. Claude M. Coleman, Director  
Newark Fire Department  
Newark, New Jersey

Dear Sir:

Forwarded herewith is the Annual Report of the Newark Fire Department for the year 1986.

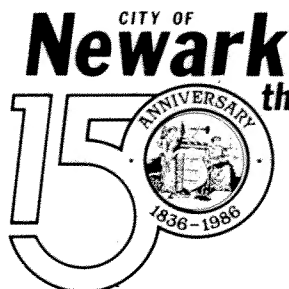
Despite the many problems the Newark Fire Department faced in the past year, we continue to meet the demands placed upon us and the quality of service the public receives remains at a high level. This can be directly attributed to the dedication to duty displayed by our members; the cooperation of other departments; and the high level of leadership and understanding exhibited by the Administration.

In 1986, Newark continued to experience financial difficulties which caused us to operate under strict and burdensome budgeting constraints. Surmounting these obvious restrictions, we continue to work diligently towards improving the service to our citizens.

In 1986 we received delivery of two - 1,000 GPM Pumpers. These units were placed in service on June 9, 1986. In August, bids were let on two - 100' Aerial (rearmount) Ladder Trucks and two - 1,000 GPM Pumpers. The Aerials were delivered to the City in January of 1987 and will be put into service on February 27, 1987. Delivery is expected on the Pumpers by mid-April.

A new firehouse has been proposed on South Orange Avenue and South Ninth Street, which will house Engine Companies 6 and 11, Truck Company 11 and Deputy Division 2. Design and site plan work are in progress on this project.

Fire Prevention remains our No. 1 Priority. In 1986, the Fire Department has devoted increased attention to this all-important function; which will decrease the need for suppression concerns; making the citizens of our City



NEWARK FIRE DEPARTMENT

Hon. Claude M. Coleman, Director

February 26, 1987

Page 2

better protected from the ravages of fire.

I wish to again extend to all dedicated members of our Fire Department my sincere appreciation for their efforts and their cooperation throughout the year.

I also extend my thanks to Mayor Sharpe James, the Members of the Municipal Council, and to all agencies and City Officials who have in any way assisted our department in meeting its goals of fire prevention and suppression during the year 1986.

Respectfully submitted,

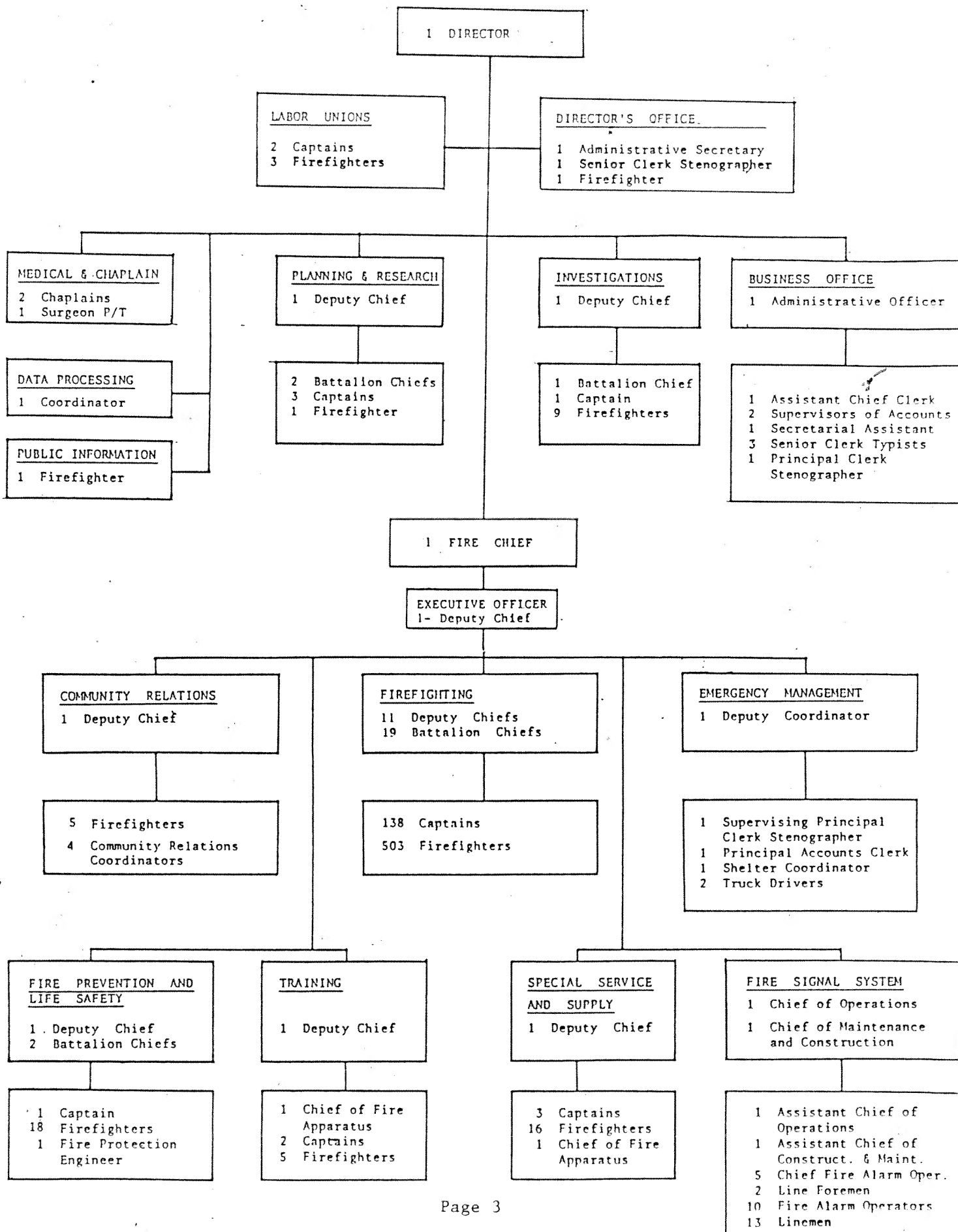
A handwritten signature in cursive script, reading "Stanley Kossup".

STANLEY J. KOSSUP,  
Fire Chief

SJK:JMR  
Enc.



ORGANIZATIONAL CHART



FIRE DEPARTMENT - CITY OF NEWARK

Hon. Milan E. Johnson  
Acting Business Administrator

Hon. Sharpe James  
Mayor

Hon. Claude M. Coleman  
Fire Director

William T. Whalen, Administrative Officer  
Esther Conrad, Administrative Secretary  
Kenneth Blaha, Asst. Chief Clerk

---

Stanley J. Kossup, Fire Chief, U.F.D., Commanding  
Alexander McGrory, Deputy Fire Chief, Executive Officer

---

DEPUTY FIRE CHIEFS

1st Deputy Division

James McCormack  
Robert John Miller  
Edward R. Dunn  
Albert Maresca

2nd Deputy Division

Edward J. Chrystal  
John J. Tartis  
John Griggs  
William M. Carragher, Jr.

Roving

Cantalora Palestino

---

BATTALION FIRE CHIEFS

1st Battalion

Edward Rydzewski  
Frederick Nolan  
Richard Meeker  
Frank A. Calvitti

3rd Battalion

Leonard Mendola  
Joseph Ricca  
Richard Bitter  
James H. Cody

4th Battalion

James Richardson  
Kenneth Miller  
James Smith  
Anthony De Troia

5th Battalion

James P. Finucan  
Robert J. Smith  
Joseph T. Miller  
Robert Fitzpatrick

Roving

Robert Gaynor  
Robert Schmipf  
Pasquale Stellitano  
(Retired 4/1/86)

oOo



SUB-DIVISIONS OF THE FIRE DEPARTMENT

Fire Prevention Division

Robert J. Buccine, Deputy Chief  
John Higginson, Battalion Chief  
Carroll W. Henderson, Battalion Chief  
Alfred Machiaverna, Supvg. Fire Protection Inspector (Ret. 9/1/86)  
Richard C. Kelly, Captain

Division of Investigation

James V. Raymond, Deputy Chief  
Louis Formisano, Battalion Chief  
Emil Nardone, Captain (Ret. 7/1/86)  
George Daudelin, Captain

Fire Signal System Operation

Albert Lasso, Chief, Communications  
Vincent Lyons, Asst. Chief, Communications  
John DiBlasio, Chief Maint./Constr.  
Walter J. Maszczak, Asst. Chief, Maint./Constr.

Special Services & Supply

David Kinnear, Deputy Chief  
Walter Mueller, Chief of Fire Apparatus  
James Clarke, Captain, Mask Division  
William Scholz, Captain Supply Division  
Anthony Graziano, Captain, Hose Division

Fire Training Center

Alfred Freda, Deputy Chief  
Carl Duerr, Captain  
Eugene Anderson, Captain

Planning & Research Division

John J. Valent, Deputy Chief  
James Wilson, Battalion Chief  
Albert R. Payne, Battalion Chief  
Abnathy Alfonso Mason, Captain  
Eli Savarese, Captain

Community Relations & Civil Defense (Emergency Management)

Joseph J. Pierce, Deputy Chief

Medical Division

Morris Halper, M. D., Fire Surgeon (Part Time)

Chaplains

Rev. Horton J. Raught, Catholic  
Rabbi Horace Zemel, Jewish

oOo

F I R E   D E P A R T M E N T

Financial Statement

Salaries and Other Pay Appropriations	\$24,631,847.05
Other Expenses	<u>558,991.00</u>
	\$25,190,838.05

Expenditures

Salaries	\$22,673,257.54
Overtime	593,911.00

Miscellaneous Receipts

Fire Prevention & Life Safety	\$100,737.00
Division	
Miscellaneous	4,721.82

Miscellaneous

N. J. Turnpike Response, 7/1/85-12/31/85	\$2,550.00
" " " 1/1/86-6/30/86	1,800.00
I.B.M. Refund of Overbilling	371.82

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# F I R E   D E P A R T M E N T

## VITAL STATISTICS - 1986

### APPOINTMENTS

Feb. 10, 1986	Gary Palmerson - Firefighter (from Re-employment List)
Feb. 24, 1986	James Berdiel - Fire Alarm Operator
April 21, 1986	65 Eligibles from Civil Service List (listed below)

Abdush-Shahid Yasin Stephen Scarpulla Lawrence Prather Louis Orlando, Jr. Angel L. Rivera William Mojica James C. Mosley Milton Baskett, Jr. Thomas E. Soltysik Norman McConnaughey Anthony J. Perniciaro Michael J. Sorace Jeffrey T. Lukawski Fateen A. Ziyad William E. James Michael Lubertazzi Michael E. Knight Bradley Byers Kramer Wimberly Samuel Piacenza Joseph F. Evangelista Roberto S. DeJesus Lawrence J. Webb Rudolph Lewis William George Giotto J. Nepa Edward J. Griffith, 3rd John J. Pope Michael V. Wells Donald L. Cole Gary Holman Jerome J. Blabolil Stanley Partyka	Curtis Johnson Damian J. Emerick Reyniel T. Irizarry Thomas F. Mastroeni Brian Donnelly Raymond M. Alfano Anthony W. Hopler Ramon E. Irizarry Alan P. Masters Darius D. Bishop Thomas Szigeti Carl M. Schnering Joseph J. Mahoney John P. Olohan Thomas J. Boutsikaris Marvin Fitzpatrick Stephen J. Kolibas John G. Centanni Donald C. Goetchius Imre B. Szigeti Ray A. Coleman Rafael A. Aneses Tyrone A. Broner Glenn M. Cassidy Sylvester Lee, Sr. Floyd Tinson James W. McCormack Norman Bellina James Warren Kenneth A. Watson John J. Maraguglio Richard A. Dixon
---	---

July 1, 1986	Claude M. Coleman, Director, Fire Department
July 14, 1986	Louis Formisano, Battalion Chief (from Re-employment List)

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F I R E   D E P A R T M E N T

Vital Statistics (2)

RETIREMENTS

1/1/86	Batt. Chief Robert J. Miller F/F Patrick Breslin F/F James Van Derveer F/F Michael D'Ambrosio F/F Robert Flohl F/F Vito Vicino
2/1/86	Captain Joseph Abbondante F/F Joseph Racioppi F/F John Kossakowski F/F John Cifelli F/F Robert Jorda F/F Albert Hamfeldt
3/1/86	Deputy Chief James E. Morgan Captain Ronald Fitzpatrick F/F Thomas J. Hughes F/F Robert Pepe
4/1/86	Batt. Chief Pasquale Stellitano Captain Edward Brock Captain James Clemens F/F Bernard Washington
5/1/86	Fire Alarm Operator Burton Bleakney F/F Philip Salimbene F/F John Cassidy
6/1/86	F/F Donald Mitchell
7/1/86	Captain Emil Nardone
8/1/86	F/F Edward Vesey F/F Frederic Masucci F/F Christian Larson F/F Edward Conklin
9/1/86	F/F Nicholas Bruno F/F William Critchley Fire Protection Inspector Alfred Machiaverna
12/1/86	F/F Thomas Burke

oOo

# F I R E   D E P A R T M E N T

## Vital Statistics (3)

### PROMOTIONS

<u>DATE</u>	<u>NAME</u>	<u>PROMOTED TO:</u>
March 27, 1986	Albert Payne	Battalion Fire Chief
" " "	Robert Schimpf	Battalion Fire Chief
Dec. 15, 1986	Vincent Lyons	Asst. Chief, Fire Sig. System Operation
" " "	William Knapp	Chief Fire Alarm Operator
" " "	Henry Przybylowicz	Chief Fire Alarm Operator
Dec. 27, 1986	Joyce M. Reinhart	Administrative Secretary (Provisional)

### RESIGNATIONS

Feb. 24, 1986	F/F James Berdiel (Resigned to take Fire Alarm Operator Position)
Apr. 25, 1986	Prob. F/F Joseph Mahoney
July 1, 1986	John P. Caufield, Director, Fire Department

### SERVICES TERMINATED

Aug. 15, 1986	Barbara Norman - Lineman
Aug. 15, 1986	Lonnie Tucker - Community Relations Coordinator
Aug. 15, 1986	Daniel Warnock - Community Relations Coordinator

### DISCIPLINARY DISMISSALS

Feb. 10, 1986	F/F Jonathan Wheeler
Feb. 10, 1986	F/F James Anderson
June 19, 1986	F/F Ralph Herring
Aug. 13, 1986	F/F James Johnson
Dec. 13, 1986	Gladys Maultsby, Supervisor of Accounts

\* \* \* \* \*

### D E A T H S

January 2, 1986	Firefighter Marcus Reddick - Line of Duty
July 27, 1986	Chief Fire Alarm Operator Clarence Alston
August 11, 1986	Deputy Fire Chief Joseph Magnusson
November 23, 1986	Firefighter Khalil Shaheed

oOo

COMPANY STATISTICS 1986

COMPANY	TOTAL ALARMS ANSWERED	TOTAL ALARMS WORKED	EMERGENCY CALLS	HOURS OF ENGINE DUTY	FEET OF HOSE USED	HYDRANTS INSPECTED	DRILLS AND DEMONSTRATIONS	HOURS OUT OF QUARTERS	IN-SERVICE BUILDING INSPECTIONS
Eng. Co. 5	1484	473	2	113:00	28,200	182	245	563:50	109
Eng. Co. 6	2815	1096	0	372:30	131,700	234	374	1229:50	210
Eng. Co. 7	2541	1007	0	278:00	118,750	724	214	1164:00	223
Eng. Co. 8	1016	319	2	156:10	25,900	402	307	311:20	124
Eng. Co. 9	2482	1081	0	293:30	20,020	375	262	954:00	215
Eng. Co. 10	1999	786	0	292:15	66,100	225	351	890:00	237
Eng. Co. 11	2090	618	0	226:45	65,850	480	447	645:56	241
Eng. Co. 12	2218	766	27	175:00	61,450	124	366	702:00	219
Eng. Co. 13	1519	656	0	223:00	76,150	320	375	797:00	181
Eng. Co. 14	1545	372	0	199:01	32,850	480	204	957:15	136
Eng. Co. 15	2106	527	14	233:99	47,050	442	316	865:35	393
Eng. Co. 16	775	226	0	186:00	19,350	639	386	576:00	482
Eng. Co. 17	1787	611	1	182:00	107,700	285	295	776:00	327
Eng. Co. 18	2027	623	0	227:00	70,100	330	348	748:00	223
Eng. Co. 19	1242	504	30	150:10	24,100	353	350	777:16	285
Eng. Co. 21	917	173	0	68:00	14,300	133	334	512:00	375
Eng. Co. 26	920	276	0	78:00	16,050	130	322	460:00	344
Eng. Co. 27	1020	313	0	158:35	29,500	260	368	689:41	226
Eng. Co. 28	1253	529	2	138:00	44,500	254	375	691:00	170
Eng. Co. 29	1608	446	0	150:44	34,800	242	370	675:38	223
Rescue Squad	1932	1466	422	--	--	350	376	1082:00	50
Fireboat **	26	22	3	67:00	750	-	127	172:00	--
TOTALS	35,322	12,890	503	3,967:19	1,035,170	6,964	7,112	16,238:27	4,993

\*\* During the year 1986, the Fireboat was in drydock for overhauling. The Fireboat was returned to service on October 6, 1986 after having been completely overhauled.

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COMPANY STATISTICS 1986 (2)

COMPANY	TOTAL ALARMS ANSWERED	TOTAL ALARMS WORKED	EMERGENCY CALLS	FEET OF LADDERS USED	NUMBER OF INSPECTIONS MADE	DRILLS AND DEMONSTRATIONS	HOURS OUT OF QUARTERS	NUMBER OF HYDRANTS INSPECTED
Truck Co. 1	1795	600	0	17,177	270	378	940:85	526
Truck Co. 4	988	297	0	6,794	238	364	686:00	419
Truck Co. 5	2106	596	0	12,188	245	378	866:00	180
Truck Co. 6	1202	476	4	5,506	220	369	687:00	300
Truck Co. 7	2070	769	40	11,830	384	432	958:80	300
Truck Co. 8	673	233	8	2,974	178	307	464:23	438
Truck Co. 9	1792	600	0	7,728	350	277	901:00	274
Truck Co. 10	1477	388	2	3,973	155	356	673:00	244
Truck Co. 11	1819	335	33	9,441	366	381	814:40	168
Truck Co. 12	640	145	0	4,102	355	334	233:26	432
TOTALS	14,562	4,439	87	81,713	2,761	3,576	7,224:54	3,281

BATTALION CHIEFS

BATTALION DISTRICTS	NO. OF ALARMS ANSWERED	NO. OF ALARMS WORKED	TOTAL DISTRICT INSPECTIONS
Batt. Dist. 1	3060	1165	106
Batt. Dist. 3	2532	1384	400
Batt. Dist. 4	2764	1252	163
Batt. Dist. 5	2244	821	148
TOTALS	10,600	4,622	817

DEPUTY CHIEFS

DEPUTY DIVISIONS	NO. OF ALARMS ANSWERED	NO. OF ALARMS WORKED	TOTAL DISTRICT INSPECTIONS
Deputy Div. 1	1518	891	94
Deputy Div. 2	1153	890	290
TOTALS	2,671	1,781	384



(1)

FIRE PREVENTION AND LIFE SAFETY DIVISION

Annual Report for 1986  
Submitted By  
Robert J. Buccine, Officer In Charge

---

1986 was the first full year that the New Jersey Uniform Fire Safety Code was in place in the City of Newark. This powerful method of Code Enforcement has had a telling effect on fire losses in this city.

In every single category which is recorded and under the authority of this Division the record shows a marked decline.

The Fire Prevention Division is mandated to provide for the Life Safety of Newarks Citizens and to prevent loss of property by fire and will continue to do so through diligent effort and modern updated procedures.

SMOKE DETECTORS

The Smoke Detector Program has continued to receive a maximum effort in order to see that every single multiple occupancy is equipped with an interconnected system in all required areas, and a single station device in every dwelling unit.

The past year has seen great progress toward this goal. The improved protection will be self evident in that future years will continue to see increased Life Safety and less Fire and Life Loss.

PUBLIC EDUCATION

It has been said that a good Fire Inspector is 90% salesman and 10% policeman. If the message of Fire Prevention can be delivered to the public and voluntary compliance can be achieved then all concerned are way ahead.

When a citizen asks, "Why do I have to do that?" and a satisfactory answer is supplied, an enlightened public will then willingly comply with all codes and avoid Code Enforcement.

All requests for information and public speakers are answered during the past year and a continuing effort of "selling" Fire Prevention and Life Safety will continue.

FIRE PREVENTION AND LIFE SAFETY DIVISION

VACANT BUILDINGS

The number of vacant buildings in the city has declined significantly. Although this improvement is the result of the combined efforts of the Fire Department and the Engineering Department, undoubtedly the changes in the economic climate and the rebuilding of Newark are having a definite effect.

Vacant Buildings, in the past, have always been a source of many fires, and a continued effort to monitor them will be maintained to keep them secured, rehabilitated, or demolished, by the Division.

FIRE RECORDS

The Fire Records Bureau which compiles the statistics for the Department, continued to maintain a high degree of excellence in the effort to provide accuracy in record reporting.

Fire Verifications are issued to all persons requiring them as soon as possible in as professional a manner as is possible.

Record keeping continues to be an important aspect of the Bureau's duties and will continue to receive the required effort to maintain efficiency.

PLAN REVIEW

All major repairs, new construction, additions to buildings and renovations require that construction plans be submitted for review by the Fire Sub Code Official.

This Plan Review insures that Fire Safety in the areas of Fire Protection Equipment, means of exiting, heat producing devices, and all mechanical systems is observed and maintained.

FIRE SUPPRESSION SYSTEM

The Sprinkler System is the main weapon in the fight against fire. The Uniform Fire Code calls for annual certification of all Suppression Systems. This section of the Code was strictly enforced and the result will be shown in a continuing down trend in Fire Losses.

PERMITS

Permits serve four general purposes. They allow the Department to keep informed as to what activities are taking place in the City, they provide for access onto a property to see that the conditions of the permit are being met, they allow for enforcement of Fire Safety Codes and they generate revenue.

Permits are an important integral part of the operation of the Division of Fire Prevention and Life Safety.

(3)

FIRE PREVENTION AND LIFE SAFETY DIVISION

The Penalty Assessment Program is a great success. The Uniform Fire Safety Code requires that the Fire Official for the City assess penalties for violations of the Code which remain unabated after a deadline is set.

The Fire Prevention Division has had great progress in obtaining the co-operation of the public in getting violations of the Code abated. Undoubtedly this phase of the operation will have long term and lasting beneficial effects on the Fire Safety situation in this City.

oOo

FIRE PREVENTION DIVISION

(4)

TOTAL INCIDENTS ----- 16,804  
Fire incident response ----- 6,013  
Other Response ----- 10,791  
Misc. SIG. 5s Not Recorded ----- 2,934

Total Response 19,738

BUILDING FIRES----- 1,295  
    (Occupied----- 1,068  
    (Vacant----- 227

NON-BUILDING FIRES----- 4,464  
    (Dumpster----- 384  
    (Auto ----- 1,957  
    (Truck/Bus/Frt.----- 195  
    (Brush/Rubbish----- 1,928

NON-HOSTILE FIRES----- 254  
    (G/Cooking----- 75  
    (Incin./Compactor----- 116  
    (Arcing/Sht.Circuit---- 36  
    (Other----- 27

MALICIOUS FALSE ALARM----- 4,968

ALL OTHER RESPONSE ----- 5,823

FIRE RELATED DEATHS----- 18  
    (Civilian----- 18  
    (Firefighter----- 0

MULTIPLE ALARM FIRES----- 63  
    (2nd. Alarm----- 55  
    (3rd. Alarm----- 7  
    (4th. Alarm----- 1

SIGNAL 11 FIRES----- 370  
    (Occupied Bldg.----- 276  
    (Vacant Bldg.----- 80  
    (Non-Bldg. ----- 14

MUTUAL AID TO ASSIST NEWARK ----- 2  
OUT OF CITY RESPONSE----- 26

FIRE PREVENTION DIVISION

(5)

TOTAL INCIDENTS -----	16,804
Fire incident response ----- 6,013	
Other Response ----- 10,791	
Misc. SIG.5s Not Recorded -----	2,934
Total Response -----	19,738

BUILDING FIRES----- 1,549

* (Occupied -----	1,322
(Vacant -----	227

\*(Including non-hostile Fires as per 901 Code)

NON-BUILDING FIRES-----4,464

( Dumpster -----	384
( Auto -----	1,957
( Truck/Bus/Frt.---	195
( Brush/Rubbish----	1,928

MALICIOUS FALSE ALARM ----- 4,968

ALL OTHER RESPONSE ----- 5,823

FIRE RELATED DEATHS ----- 18

(Civilian -----	18
(Firefighter-----	0

MULTIPLE ALARM FIRES ----- 63

(2nd.Alarm-----	55
(3rd.Alarm-----	7
(4th.Alarm-----	1

SIGNAL-11 FIRES----- 370

(Occupied Bldg.----	276
(Vacant Bldg.----	80
(Non-Bldg. -----	14

MUTUAL AID TO ASSIST NEWARK -----	2
OUT OF CITY RESPONSE -----	26

TOTAL BUILDING INSPECTIONS-----		29,993
(By Bureau Inspectors)-----	21,633	
(Inservice Inspections)-----	8,360	
 FIRE CODE VIOLATIONS PROCESSED-----		3,145
(Rec'd from in-Service Co's)-----	740	
(Bureau Inspectors )-----	1,651	
(Telephone/Letters )-----	548	
(Other Departments )-----	206	
 SPECIAL BUREAU DETAILS-----		264
(Public Functions )(Man Hrs.)		
 FIRE PREVENTION LECTURES (Man Hours)-----		2,534
(App.School Children Involved)-----	53,100	
(Other Civic Groups)-----	3,200	
 FIRE PREVENTION LITERATURE DISTRIBUTED-----		41,200
 VACANT BUILDING INSPECTIONS-----		993
 SMOKE DETECTOR PLANS PROCESSED -----		895
 SMOKE DETECTOR INSPECTIONS -----		2,334
 SMOKE DETECTOR VIOLATIONS PROCESSED-----		692
 KEROSENE HEATER VIOLATIONS PROCESSED-----		44
 FIRE INVESTIGATIONS -----		418
 PHOTOGRAPHS TAKEN-----		2,954

PLANS EXAMINED -----		449
LETTERS SENT -----		2,352
(Regular Mail) -----	1,580	
(Registered Mail) -----	772	
COURT CASES INSTITUTED -----		99
(Violation of Fire Code)		
COURT CASES INITIATED -----		241
(Postponed) -----	187	
(Dismissed) -----	29	
(Bench Warrant) -----	13	
(Docketed Judgement) -----	12	
COURT TIME (Man Hours) -----		493
FINES COLLECTED (Pre 1986 Cases) -----		\$ 3,115
DOCKETED FINES -----		\$ 52,905
BUILDINGS REGISTERED (Life Hazard Use) -----		834
REBATE From D.C.A., Bureau of Life Safety -----		\$ 92,810
PERMITS ISSUED -----		1,383
PERMIT FEES COLLECTED -----	\$ 67,922	
FIRE INCIDENT REPORT FEES -----	\$ 5,930	
PENALTIES ASSESSED (For Building Code Violation/s) -----	\$ 27,065	
Total Fees Collected by Bureau		
		\$ 100,917
SEMINAR/CONTINUING EDUCATION (Man Hours) -----		993
OFFICE LECTURES/DEMONSTRATIONS (Man Hours) -----		639



FIRE DEATH STATISTICS

<u>MONTH</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>
JAN.	1	1	2	4	1	3	4	4	4	3	4	4
FEB.	1	0	4	5	12	0	1	9	1	5	0	1
MAR.	0	6	1	3	1	3	1	1	0	1	3	5
APR.	9	0	2	4	9	2	5	1	2	1	5	0
MAY	7	2	0	0	4	4	3	0	2	0	2	3
JUNE	8	0	0	0	1	3	3	1	4	0	3	0
JULY	1	1	3	1	0	1	2	0	1	1	0	0
AUG.	1	0	0	5	0	3	0	0	0	2	1	0
SEPT.	1	1	0	5	1	0	0	2	0	4	6	0
OCT.	2	0	1	1	0	0	1	6	0	0	2	2
NOV.	1	1	1	4	6	1	0	1	1	0	0	1
DEC.	1	4	14	14	2	3	6	0	6	5	2	2
<b>TOTAL</b>	<u>33</u>	<u>16</u>	<u>28</u>	<u>46</u>	<u>37</u>	<u>23</u>	<u>26</u>	<u>25</u>	<u>21</u>	<u>22</u>	<u>28</u>	<u>18</u>

# FIRE DEATH STATISTICS

(By Age)

<u>YEAR</u>	<u>TOTAL</u>	<u>6 and UNDER</u>	<u>age 7 to 17</u>	<u>age 18 to 30</u>	<u>age 31 to 50</u>	<u>age 51 to 70</u>	<u>age OVER 70</u>
1972	46	11	7	7	12	4	5
1973	38	12	6	6	5	10	1
1974	21	7	3	1	3	5	2
1975	33	13	5	3	3	9	0
1976	16	3	1	3	2	3	4
1977	28	5	2	5	7	6	2 + 1-Unknown
1978	46	11	8	5	13	6	3
1979	36	6	4	6	4	7	9 + 1-Unknown
1980	23	8	2	2	7	3	1
1981	26	10	1	7	3	3	1 + 1- Unknown
1982	25	5	6	2	4	7	0
1983	21	2	1	2	9	3	2 + 2- Unknown
1984	22	2	5	2	5	7	1
1985	28	2	7	5	11	2	0 + 1- Unknown
1986	18	0	0	3	6	5	3 + 1- Unknown

MULTIPLE ALARMS

<u>MONTH</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>
JAN.	13	5	5	4	7	7	10	10	5	14	10	6	8	7	4
FEB.	4	5	5	0	6	6	9	15	13	5	10	0	6	7	10
MAR.	7	7	4	6	4	4	5	8	7	4	7	3	8	11	7
APR.	16	6	5	12	4	4	15	11	14	13	3	1	3	3	5
MAY.	8	9	6	11	4	14	5	7	12	19	8	7	5	5	4
JUNE	4	9	6	4	8	4	14	6	4	7	4	6	5	3	6
JULY	9	7	5	5	2	15	12	3	10	10	6	8	3	4	6
AUG.	8	8	9	3	3	7	10	1	9	11	6	5	5	4	3
SEPT.	3	9	10	3	3	2	7	5	4	6	8	2	7	4	1
OCT.	2	5	2	3	1	9	3	4	7	8	9	3	6	7	4
NOV.	4	8	10	0	8	2	8	7	10	3	6	5	4	4	5
DEC.	5	4	7	6	12	9	9	7	9	10	7	4	13	5	8
TOTAL	83	82	74	57	62	83	107	84	104	110	84	50	73	64	63

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1986-MULTIPLE ALARM FIRES - 1986

INCIDENT	DATE	TIME	STATION	ADDRESS	Bldg. SIZE / CLASS	ALARM
00010	JAN. 1	0232	4515	374- Hillside/Meeker	5-St.Br. Apt.	2nd.
00182	4	1222	2152	98- Mulberry St.	5-St.Br. Hotel	2nd.
01157	28	1034	1353	98- No.6th. St.	5-St.Br. Apt.	2nd.
01161	28	1336	4478	404- Hawthorne Ave.	3-St.Br. Dw.	2nd.
01421	Feb. 4	1546	1121	68-70- Springfield Ave.	5-St.Br. Office	2nd.
01478	6	0008	3156	88- Highland Ave.	2-St.Br. Dw.	2nd.
01564	8	2010	3313	254- Mt.Prospect Ave.	4-St.Br. Apt.	2nd.
01657	12	1008	4259	196- Ridgewood Ave.	3-St.Br. Dw.	3rd.
01718	14	1512	1592	62-66- Isabella Ave.	3- 2-St.Br. Dw.	2nd.
01797	16	2007	3855	351- Broad St.	2- 3-St.Br. Apt.	2nd.
02090	25	1139	2537	Int.Way/1-9 So.	1-St.Br. Mfg.Plant.	3rd.
02113	25	2246	3573	53- Winthrop St.	3-St.Br. Dw.	2nd.
02136	26	1440	1744	65- Manor Dr.	14-St.Br. Apt.	2nd.
01890	* 19	2248	2111	683-85- Broad St.	3-St.Br. Clothing Store	4th.
02361	Mar. 4	0311	2215	70- Springfield Ave.	5-St.Br. Store	2nd.
02411	5	1049	1152	64- Richmond St.	3-St.Br. Dw.	2nd.
02531	7	2332	4462	681-83- Springfield Ave.	1-St.Br. Office	2nd.
02945	17	0353	4464	464-68- So.Orange Ave.	3- 3-St.Br. Dw.	2nd.
02986	17	2229	5417	126-28- TICHENOR St.	2- 3-St.Br. Dw.	2nd.
03638	31	1347	2352	23- Sherman Ave.	3-St.Br. Dw.	2nd.
02674	* 10	1139	1619	517-19- Sanford Ave.	2- 3-St.Br. Dw.	2nd.
04101	APR. 10	0049	5134	697- Market St.	4-St.Br. School	2nd.
04099	10	0039	1315	182-86- 2nd. Ave.	3- 2-St.Br. Dw.	2nd.
04236	13	0413	4525	940- Bergen St.	3-St.Br. Dw.	2nd.
04287	13	2351	4462	761- So.17th. St.	3-St.Br. Dw.	2nd.
04348	15	0007	1417	206- Roseville Ave.	3-St.Br. Apt.	2nd.

1986- MULTIPLE ALARM FIRES- 1986

INCIDENT	DATE	TIME	STATION	ADDRESS	BLDG-SIZE / CLASS	ALARM
05754	MAY. 15	1416	2326	54- Parkhurst	3-St. Fr. Rooming House	432 2nd.
05767	15	2153	3121	307½- Broad	3-St. Fr. Dw.	422-5 2nd.
06037	21	0352	3218	1- Gouveneaur	2-St. Br. Dw./w/B	421 2nd.
06439.	29	0953	2929	Frelinghuysen Ave.	1&2-St. Br. Apt/w/B	421 2nd.
07080	June 10	0226	1123	32-36- Sterling	3-3-St. Br. Dw.	422-5 3rd.
07091	10	1022	3141	53- Clifton	5-St. Br. Apt.	423 2nd.
07127	10	2256	1477	395- So.9th.	3-St. Fr. Dw.	422 2nd.
07570	18	1838	4261	766-768- Bergen	2-St. Fr. Dw.	414 2nd.
08201	28	1838	3134	Branch Brk. Pk.	1-St. Br. Skating Rink	114 3rd.
08269	29	1925	3228	41-3-5- Broad	3-3-St. Fr. Dw.	422-5 2nd.
08421	JULY 2	0338	2851	50- Park	16-St. Br. Hotel	445 2nd.
08670	6	0518	4236	412- Clinton	3-St. Fr. Dw.	422 2nd.
08782	7	2333	1436	437- So.11th.	3-St. Fr. Dw.	422-5 2nd.
08919	10	1522	3229	7-9-11- Broad	4-St. Br. Apt.	424-5 2nd.
08953	11	0402	5148	41-43- Joseph	1-St. Fr. Market	513 2nd.
09683	26	1756	2244	352- Washington	3-St. Br. Dw.	422 2nd.
10584	Aug. 14	2333	4443	740- So.19th.	3-St. Fr. Dw.	422 2nd.
11198	29	2233	1331	3-5- Fairmount	4-St. Br. Apt.	424-5 2nd.
11210	30	0305	2235	18- W.Kinney	4-St. Br. Apt.	423 2nd.
12312	Sept. 22	0440	5158	200- Raymond	Ind.Plant Yard/Trailer	984/15 2nd.

1986- MULTIPLE ALARM FIRES -1986

INCIDENT	DATE	TIME	STATION	ADDRESS	BLDG. SIZE/CLASS	ALARM
12863	OCT.	5 0451	2227	57-61- Columbia	3-3-St.Fr. Dw.	2nd.
12866		5 0536	4451	509-11- Avon	2-3-St.Fr. Dw.	2nd.
13430		16 1857	2217	74-76- Shipman	2-2-St.Br. Ret.Store	2nd.
13828		24 2223	4467	546- Springfield	3-St.Br. Dw.	2nd.
14781	NOV.	13 2317	3535	821½- Ridge	3-2-St.Fr. Dw.	2nd.
14808		15 1543	3421	329 - Park	4-St.Br. Apt.	2nd.
15261		25 0433	3234	455- Summer	4-St.Br. Dw./WB.	3rd.
15409		28 1831	3118	368- Broad	2-St.Br. Fctry.	2nd.
15492		30 2203	1327	58-62- No.6th.	3-3-St.Fr. Dw.	2nd.
15612	Dec.	4 0001	2321	476-78- Washington	4-St.Br. Whs.	3rd.
15994		13 1720	1335	79- Littleton	2-St.Fr. Dw.	2nd.
15306		18 1243	5243	315- Lafayette	3-St.Fr. Dw.	2nd.
16347		22 0147	3513	665- Mt.Prospect	4-St.Br. Apt.	2nd.
16364		22 1402	5115	51- Ferry	3-St.Fr. Dw./Wb.	2nd.
16382		22 1828	3235	42- Lincoln	3-St.Br. Dw.	2nd.
16617		23 1610	4445	50-52- St.James	2- 2-St.Br. Dw.	2nd.
16788		31 1732	3434	283- First	3-St.Br. Apt.	3rd.

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TOTAL MULTIPLE ALARM FIRES

2nd.Alarm	-----	55
3rd.Alarm	-----	7
Total	-----	62

# HIGH RISE BUILDING REPORT

## N.H.A.

	ACTUAL FIRES	INCINERATOR COMPACTOR	FALSE ALARM	OTHER	TOTAL RESPONSE
BAXTER APTS. -----	1	0	0	1	2
BAXTER ELDERLY-----	0	0	0	0	0
BRADLEY COURT -----	0	0	0	0	0
COLUMBUS HOMES-----	26	4	4	58	92
FELIX FULD -----	1	0	1	5	7
HAYES HOMES -----	22	2	1	28	53
HAYES ELDERLY-----	0	0	0	0	0
HYATT COURT -----	0	0	0	0	0
KRETCHMER HOMES -----	26	1	8	79	114
KRETCHMER ELDERLY----	0	0	0	2	2
PENNINGTON COURT-----	1	0	0	0	1
ROOSEVELT HOMES -----	0	0	0	0	0
SCUDDER HOMES -----	21	1	1	22	45
SCUDDER ELDERLY-----	0	0	0	0	0
SETH BOYDEN COURT-----	2	0	0	3	5
SETH BOYDEN ELDERLY--	0	0	0	0	0
STEPHEN CRANE -----	0	0	0	0	0
STEPHEN CRANE ELDERLY	2	0	0	0	2
WALSH HOMES -----	8	0	0	9	17
WALSH ELDERLY-----	0	0	0	0	0
WRIGHT -----	68	11	15	71	165
TOTAL -----	178	19	30	278	505
OTHER THAN N.H.A	43	27	7	133	210



ELEMENTARY SCHOOL (cont.)

	ACTUAL FIRES	FALSE ALARM	ALARM MALF.	OTHER INCIDENT	TOTAL RESPONSE
SUSSEX AVE. ANNEX-----	0	0	0	0	0
THIRTEENTH AVE. -----	3	28	9	1	41
WARREN ST. -----	0	3	5	1	9
WEST KINNEY MIDDLE-----	2	0	2	1	5
DR. WILLIAM HORTON -----	0	6	3	0	9
WILSON AVE.-----	0	7	8	0	15

JUNIOR HIGH SCHOOL

BROADWAY JUNIOR HIGH-----	1	4	1	3	9
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SENIOR HIGH SCHOOL

ARTS HIGH-----	0	3	12	0	15
BARRINGER HIGH-----	2	17	21	4	44
BARRINGER PREP.-----	0	1	4	2	7
CENTRAL HIGH -----	1	8	8	1	18
EAST SIDE -----	1	30	71	1	103
ED. CTR. for YOUTH -----	0	0	0	0	0
M.X. SHABAZZ -----	2	13	41	3	59
NEWARK EVENING HIGH-----	0	0	0	0	0
SCIENCE HIGH -----	0	2	0	0	2
UNIVERSITY HIGH-----	0	1	12	1	14
VAILSBURG HIGH-----	8	11	9	4	32
WEEQUAHIC -----	1	11	8	1	21
WEST SIDE -----	0	2	7	0	9

PROFESSIONAL ART SCHOOL  
POST HIGH SCHOOL LEVEL

NEWARK SCHOOL of FINE & INDUSTRIAL ART-----	0	0	0	0	0
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 NEWARK PUBLIC SCHOOLS
 

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ELEMENTARY SCHOOL

	ACTUAL FIRES	FALSE ALARM	ALARM MALF.	OTHER INCIDENT	TOTAL RESPONSE
ABINGTON AVE.-----	0	7	6	2	15
ALEXANDER ST.-----	0	7	12	0	19
ANN STREET -----	0	0	5	1	6
AVON AVE.-----	0	5	9	2	16
BELMONT RUNYON-----	1	0	0	0	1
BERGEN ST.-----	1	8	6	1	16
BRAGAW AVE.-----	1	8	1	4	14
BROADWAY -----	2	15	15	0	32
BURNET ST.-----	1	8	7	3	19
CAMDEN ST.-----	1	7	2	4	14
CAMDEN MIDDLE -----	0	1	8	2	11
CHANCELLOR AVE.-----	0	4	5	1	10
CHANCELLOR AVE.ANNEX--	0	0	0	0	0
CLEVELAND -----	0	14	11	3	28
CLINTON AVE.-----	0	0	8	0	8
DAYTON ST.-----	0	4	4	4	12
EIGHTEENTH AVE.-----	0	6	17	3	25
ELLIOT ST. -----	0	1	4	0	5
FIFTEENTH AVE.-----	0	15	31	0	46
FIRST AVE. -----	0	2	4	0	6
FOURTEENTH AVE.-----	0	4	1	1	6
FRANKLIN -----	1	5	2	4	12
G.W.CARVER -----	0	19	13	2	34
HARRIET TUBMAN -----	0	2	2	2	6
HAWKINS ST.-----	0	5	13	4	22
HAWTHORNE AVE.-----	0	2	3	0	5
LAFAYETTE ST -----	1	1	4	1	7
LAFAYETTE ST -----	0	0	0	0	0
LINCOLN -----	0	1	1	1	3
L.A.SPENCER -----	0	3	6	3	12
MADISON -----	0	7	2	0	7
MAPLE AVE.-----	0	4	7	0	11
DR. M.L.KING JR.-----	0	11	7	7	25
McKINLEY -----	0	8	3	6	17
MILLER ST.-----	0	1	5	0	6
MORTON ST.-----	0	13	9	3	25
Mt.VERNON -----	0	5	4	2	11
NEWTON ST.-----	0	10	4	0	14
OLIVER ST.-----	1	3	15	2	21
PESHINE AVE.QUITMAN---	1	0	7	0	8
RIDGE ST.-----	0	0	4	0	4
ROBERTO CLEMENTE-----	0	5	25	1	31
ROBERTO CLEMENTE ANNEX	0	0	0	0	0
ROSEVILLE AVE.-----	0	0	1	0	1
SOUTH ST.-----	0	0	2	0	2
SO.17th.STREET -----	3	16	13	2	34
SPEEDWAY -----	0	2	1	0	3
SUSSEX AVE.-----	0	10	8	2	20
OTHER -----	0	1	1	0	2

SPECIAL SCHOOLS

	ACTUAL FIRES	FALSE ALARM	ALARM MALF.	OTHER INCIDENT	TOTAL RESPONSE
FLOYD PATTERSON -----	0	0	0	0	0
MONTGOMERY STREET-----	3	21	5	0	29
ARLINGTON AVE.-----	0	0	0	1	1
BOYLAN STREET -----	0	0	3	0	3
BRANCHBROOK-----	0	0	0	2	2
BRUCE STREET ----- (at G.W.Carver)	0	0	0	0	0
CHESTNUT ST.-----	0	0	1	0	1
HELEN A. KELLER ----- (at.L.A.Spencer)	0	0	0	0	0
JOHN F.KENNEDY -----	0	0	5	1	6
SAMUEL L. BERLINER -----	0	0	0	0	0
Harold Wilson -----	0	5	0	0	5
N.J. Regional Day -----	0	3	7	0	10
 TOTALS ----- (All Schools Combined)	 38	 428	 567	 99	 1,132

## 1- PASSENGER ROAD VEHICLES

TOTAL

11. Automobile -----	1,957
12. Bus -----	15
13. Motorcycle, golf cart, snowmobile -----	8
14. Motor home, bookmobile etc. -----	1
15. Travel trailer -----	8
16. Camping trailer -----	60
17. Mobile home -----	0

## 2- FREIGHT ROAD TRANSPORT VEHICLES

21. Trucks over 1-ton, general use -----	43
22. Truck under 1-ton-general use-----	39
23. Semi-trailer truck -----	8
24. Tank truck- non-flamm.cargo-----	0
25. Tank truck- flamm/comb.cargo -----	0
26. Tank truck-compressed gas/L.P. gas -----	0
27. Trash truck -----	6

## 3- RAIL TRANSPORTATION VEHICLES

31. Passenger, diner car -----	1
32. Freight, box car -----	2
33. Tank car -----	0
34. Container, piggy back car. -----	0
35. Locomotive, engine -----	0
36. Self-powered car -----	0
37. Maintenance equipment car -----	0

## 4- WATER TRANSPORT VESSELS

41. Motor craft (under 65 ft.) -----	0
42. Vessel (over 65 ft.under 1000 tons) -----	0
43. Passenger ship -----	0
44. Tank ship -----	0
45. Combat ship -----	0
46. Cargo ship (other than above)-----	2
47. Vessels without power -----	0
48. Commercial fishing vessels -----	0

## 6- HEAVY EQUIPMENT

61. Earth moving -bulldozer, graders etc.-----	2
--	---

## 7- SPECIAL VEHICLES, CONTAINERS

72. Dumpsters -----	384
---------------------	-----

## E-FIRES-AREA OF ORIGIN

## 0. MEANS OF EGRESS

	TOTAL
01. Hallway, corridor, mall -----	95
02. Exterior stairway, fire escape -----	10
03. Interior stairway, ramp -----	14
04. Escalator -----	0
05. Lobby, entrance way -----	9

## 1. ASSEMBLY, SALES AREA

11. Large area w/fixed seats (100 or more) -----	2
12. Large open room w-o fixed seats -----	0
13. Small area less than 100 -----	0
14. Lounge area, living room-den etc. -----	7
15. Sales, showroom, shop area -----	0
16. Library -----	0

## 2. FUNCTIONAL AREA

21. Sleeping room under 5 persons -----	63
22. Sleeping area for 5 or more persons -----	2
23. Dining area, lunchroom, cafeteria -----	3
24. Kitchen, cooking area -----	30
25. Lavatory, locker room, cloakroom -----	7
26. Laundry room -----	6
27. Office -----	2
28. Personal service area, health club etc. -----	8

## .3. FUNCTIONAL AREA (continued)

31. Laboratory -----	0
32. Printing/photo room -----	0
33. First aid treatment area -----	0
35. Electrical/data processing area -----	0
36. Stage, dressing room area -----	0
37. Projection room -----	0
38. Process, mfg., workroom area -----	0

## 4. STORAGE AREA

41. Storage tank or bin -----	0
42. Closet -----	13
43. Supply storage room -----	8
44. Record storage room, vault -----	2
46. Trash, rubbish/area, container -----	117
45. Shipping, receiving area -----	0
47. Garage, carport -----	45

## E-5. SERVICE FACILITIES

	<u>TOTAL</u>
51. Elevator, dumbwaiter -----	27
52. Utility shaft -----	9
53. Light shaft -----	0
54. Chute, laundry-mail -----	4
55. Duct, heat-air cond. -----	5
56. Display window -----	0
57. Chimney -----	5
58. Conveyor -----	2

## 6. SERVICE, EQUIPMENT AREA

61. Machinery room -----	0
62. Heating equipment room -----	2
64. Incinerator room -----	10
65. Maintenance shop, -----	2

## 7. STRUCTURAL AREA

72. Open porch -----	13
74. Concealed ceiling/roof space -----	31
75. Concealed wall space -----	0
76. Exterior wall surface -----	16
77. Exterior roof surface -----	47
78. Awning -----	3

## 8. TRANSPORTATION, VEHICLE AREA

81. Passenger area -----	522
82. Trunk area -----	91
83. Engine area -----	395
84. Fuel tank, line area -----	10
85. Control area -----	7
86. Exterior area -----	58
89. N.C.A-Fully Involved-----	1,178

## 9. OTHER AREA OF ORIGIN

91. On or near Railroad/right of way -----	80
92. On or near Highway/public way-----	79
94. Lawn/Field/Parks -----	43

## F. EQUIPMENT INVOLVED IN IGNITION

	TOTAL
1- HEATING SYSTEM	
11. Central heating unit -----	5
12. Water heater -----	1
13. Fixed, stationary local heating unit -----	0
14. Indoor Fireplace -----	0
15. Portable local heating unit -----	6
16. Chimney,Vent,Flue -----	5
17. Chimney connector,vent,connectors -----	0
18. Heat transfer system -----	0
2- COOKING EQUIPMENT	
21. Fixed,stationary surface unit -----	64
22. Fixed,stationary ovens,rotisseries -----	2
23. Fixed,stationary food warmers -----	1
24. Deep-fat fryer -----	0
25. Portable cooking,warming unit -----	4
26. Open fired grill -----	2
27. Grease hood,duct -----	2
3-AIR CONDITIONING,REFRIGERATION EQUIP.	
31. Central air cond.refrigeration -----	0
32. Water cooling device -----	0
33. Fixed,stationary local refrig.unit -----	0
34. Fixed,stationary local air cond.unit -----	1
35. Portable air cond. refrig. unit -----	0
4- ELECTRICAL DISTRIBUTION EQUIP.	
41. Fixed wiring -----	3
42. Transformer,associated overcurrent equip.-----	2
43. Meter,meter box -----	1
44. Panelboard,switchboards,fuses -----	3
45. Switch,receptacle,outlet -----	2
46. Ballast,light fixture,sign -----	1
47. Cord,plug -----	2
48. Lamp,light bulb -----	1



	TOTAL
5- APPLIANCE,EQUIPMENT	
51- Television,radio,tape recorder -----	3
52- Dryer -----	9
53- Washing machine -----	3
55- Motor,generator -----	23
56- Hand tool,soldering iron -----	0
57- Electric blanket,steam iron -----	0
59- Dishwasher -----	1
6- SPECIAL EQUIPMENT	
61. Electronic- X-ray,computer -----	0
62. Vending machine -----	0
63. Office machine -----	2
64. Biomedical equipment,device -----	0
65. Pump,compressor -----	1
66. Internal combustion engine -----	0
67. Conveyor -----	0
68. Printing press -----	0
7- PROCESSING EQUIPMENT	
71. Furnace,oven,kiln -----	4
72. Casting,molding equip. -----	0
73. Heat treating equip. -----	0
75. Coating,asphalt - rubber -----	0
76. Painting,dipping,spraying -----	0
77. Chemical process,digesters,reactors -----	1
78. Waste recovery equip. -----	0
8- SERVICE,MAINTENANCE EQUIPMENT	
81. Incinerator -----	80
84. Tar pot -----	4
85. Arc,oil lamp -----	0
86. Elevator -----	0
87. Torches,cutting,welding -----	3

## G-FORM OF HEAT OF IGNITION

## 1-HEAT FROM FUEL-FIRED,FUEL-POWERED EQUIP.(Gas-Liq.)

TOTAL

11. Spark,heat from cutting torch -----	3
12. Spark,heat from welding torch -----	2
14. Spark,flame escaping from gas fueled equip.-----	0
16. Spark,flame escaping from liquid fueled equip.-----	0

## 2-HEAT FROM FUEL-FIRED,FUEL POWERED EQUIP.(Solid fuel

21. Spark from wood/paper fueled equip. -----	3
22. Heat from wood/paper fueled equip. -----	0
26. Heat from other solid fueled equip. -----	2

## 3-HEAT FROM ELECTRICAL EQUIPMENT

31. Water caused short circuit -----	8
32. Short circuit from mechanical damage -----	0
33. Short circuit from defective insulation-----	2
34. Short circuit arc unspecified -----	0
37. Heat from overloaded equipment -----	8

## 4-HEAT FROM HOT OBJECT

41. Heat,spark from friction -----	2
43. Hot ember ash -----	0
45. Rekindle,reignition-----	38
47. Heat fromimproperly operated elect.equip.-----	0

## 5-HEAT FROM EXPLOSIVE,FIREWORKS

51. Munitions -----	0
53. Blasting agent -----	0
54. Fireworks -----	0
56. Incendiary device -----	0

G-(cont.)

## 6- HEAT FROM OTHER OPEN FLAME, SPARKS, SMOKING MAT.

TOTAL

61. Cigarette -----	8
62. Cigar -----	0
63. Pipe -----	0
65. Match, Lighter -----	3
66. Candle, taper -----	8
67. Warning flare, Fuses -----	0
68. Backfire from internal combustion engine -----	0

## 7- HEAT FROM NATURAL SOURCE

71. Sun's heat -----	0
72. Spontaneous ignition, Chem. reaction-----	0
73. Lightning discharge -----	0
74. Static discharge -----	0

## 8- HEAT FROM ANOTHER HOSTILE FIRE(exposure)

81. Heat from direct flame -----	0
82. Radiated heat -----	0
83. Heat from flying brand, ember -----	2
84. Conducted heat -----	0
89. Not classified above -----	0

## 9- OTHER FORM OF HEAT OF IGNITION

97. Multiple form of heat of ignition-----	0
99. Form of heat of ignition not classified above---	0

## 1- STRUCTURAL COMPONENT, FINISH

	<u>TOTAL</u>
11. Exterior roof covering -----	0
12. Exterior sidewall covering -----	10
13. Exterior trim, door, porch -----	21
14. Floor covering, tile, carpet, rug -----	2
15. Interior wall covering -----	27
16. Ceiling covering, acoustic tile etc. -----	19
17. Structural members, framing -----	2
18. Thermal insulation within wall -----	7

## 2- FURNITURE

21. Upholstered sofa, chair -----	39
22. Non-upholstered chair, bench -----	6
23. Cabinetry, chest, bookcase -----	7
24. Ironing board -----	1
25. Appliance housing or casing -----	2

## 3- SOFT GOODS, WEARING APPAREL

31. Mattress, pillow -----	161
32. Bedding, blanket, sheet -----	4
33. Linen other than bedding -----	3
34. Wearing apparel not on person -----	16
35. Wearing apparel on person -----	2
36. Curtain, blind, drapery -----	2
38. Luggage -----	1

## 4- ADORNMENT, RECREATIONAL MATERIAL

41. Christmas tree -----	2
42. Decoration for special events -----	0
43. Book -----	0
44. Magazine, newspaper etc. -----	5
45. Toy, games -----	0
46. Awning, canopy -----	2
47. Tarpaulin, tent -----	0

## 5-SUPPLIES, STOCK

## TOTAL

51.Box, carton, bag -----	5
52.Basket, barrel -----	11
53.Pallet, skid -----	2
55.Packing, wrapping material -----	0
54.Rope, cord, twine -----	0
56.Bale storage -----	2
57.Bulk storage -----	2
58.Cleaning supplies -----	2

## 6-POWER TRANSFER EQUIPMENT, FUEL

61.Electrical wire, insulation -----	9
62.Transformer -----	8
63.Conveyor belt, drive belt -----	2
64.Tire -----	26
65.Fuel -----	3

## 7-GENERAL FORM

71.Agricultural prod.-----	0
72.Fence, pole -----	0
73.Fertilizer -----	0
74.Growing form, brush, grass -----	64
75.Rubbish, trash -----	1,784
76.Cooking material -----	602
77.Sign -----	1

## 8-SPECIAL FORM

81.Dust, fiber, lint -----	2
82.Pyrotechnics, explosives -----	0
83.Atomized, vaporized liquid -----	0
84.Chips -----	0
85.Palletized material -----	0
86.Gas, liquid from pipe or container -----	1
87.Rolled material -----	0
88.Adhesive -----	0

## 9-OTHER FORM OF MATERIAL

91.Railroad ties -----	40
------------------------	----

## HB- TYPE OF MATERIAL FIRST IGNITED

## 0- WOOD CELLULOSE-NATURAL OCCURRING.

	<u>TOTAL</u>
01. Grass -----	15
02. Leaves -----	26
03. Duff -----	0
04. Peat -----	0
05. Tree/Brush -----	506
06. Snag -----	2
07. Logs -----	0
08. Slash -----	

## 1- GAS .

11. Natural Gas -----	5
12. L.P. City Gas -----	0
13. Manufactured Gas -----	5
14. L.P. Gas -----	0
15. Anesthetic Gas -----	0
16. Acetylene Gas -----	0
17. Special Gas other than Anesthetic -----	0
18. Hydrogen Gas -----	0

## 2- FLAMMABLE COMBUSTIBLE LIQUIDS

21. Class 1A Flammable liquids -----	1
22. Class 1B Flammable liquids -----	0
23. Gasoline -----	8
25. Class 11 Combustible liquids -----	2

## 3- VOLATILE SOLIDS, CHEMICAL

31. Grease, fat (food) -----	1
32. Grease (non-food) -----	0
33. Polish, paraffin, wax -----	0
34. Adhesive, resin, tar -----	1
35. Applied paint, varnish -----	1
36. Combustible material, magnesium -----	16
37. Solid Chemical -----	0

## HB- TYPE OF MATERIAL FIRST IGNITED (cont.)

	<u>TOTAL</u>
4. PLASTICS	
41. Rigid -----	2
42. Foam -----	0
43. Flexible -----	2
45. Film plastics -----	0
5. NATURAL PRODUCTS	
51. Rubber -----	4
52. Cork -----	0
53. Leather -----	0
54. Grass, leaves, hay, straw -----	41
55. Grain, feathers, flax, hemp -----	0
56. Coal, coke, briquettes -----	0
57. Food starch -----	0
58. Tobacco -----	0
6. WOOD, PAPER	
61. Growing wood -----	4
62. Felled but unsawn wood -----	12
63. Sawed wood, finished lumber -----	19
64. Wood shavings, sawdust -----	2
65. Hardboard, plywood -----	3
66. Fiberboard, pressboard-wood products -----	0
67. Paper, untreated, uncoated -----	34
68. Cardboard -----	16
7. FABRIC, TEXTILE, FURS	
71. Man-made fiber, fabric -----	2
72. Cotton, rayon -----	4
73. Wool, wool mixture -----	0
74. Fur silk -----	0
75. Wig -----	1
76. Human Hair -----	1
8. MATERIAL COMPOUNDED WITH OIL	
81. Linoleum -----	0
82. Oil cloth -----	0
83. Treated or coated paper -----	0
84. Waterproof canvas -----	4
85. Asphalt treated material -----	

## (1) IGNITION FACTOR

(29)

TOTAL

1- INCENDIARY	
11- Incendiary -----	426
2- SUSPICIOUS	
21- Suspicious-----	301
Undetermined-----	501
3- MISUSE OF HEAT OF IGNITION	
31-Abandoned,discarded,cigarettes,etc.-----	6
33-Falling asleep -----	2
34-Inadequate control of open flame-----	2
35-Cutting,welding,too close to -----	1
36-Children playing with-----	6
4- MISUSE OF MATERIAL IGNITED	
41-Fuel spilled accidentally-----	3
44- Washing,cleaning parts w/Flamm.liquid-----	1
46-Combustible too close to heat-----	0
47-Improper storage-----	0
5-MECHANICAL FAILURE,MALFUNCTION	
51-Automatic control failure-----	3
52-Manual control failure-----	0
53-Short circuit-----	36
6-DESIGN,CONSTRUCTION,INSTALLATION DEFICIENCY	
63-Installation too close to combustibles-----	5
64-Other installation deficiency-----	4
7- OPERATIONAL DEFICIENCY	
71-Collision,overturn-----	9
74-Overload -----	4
76-Improper use for purpose not intended-----	1
8- NATURAL CONDITION	
84-Lightning -----	0
89-Not classified above-----	0
9- OTHER IGNITION FACTOR	
92-Rekindle from previous fire-----	38
93-Exposure fire-----	37
99-Not classified above-----	0



## J.C.A TYPE OF INCIDENT

## 2- OVERPRESSURE,OVERHEATING(no ensuing fire))

21. Steam rupture-----	76
22. Air,gas rupture-----	32
29. Overheat,explosion-----	4

## 3- RESCUE,EMERGENCY MEDICAL CALL

31. Medical assist-----	24
32. Emergency medical call-----	358
35. People trapped-----	12

## 4- HAZARDOUS CONDITION,STANDBY

41.Gas leak/Flamm.liq.spill-----	57
44.Elect.ars/short-----	418
45.Oilburner delayed ignition-----	376
46.Vehicle accident-----	585
49.Haz. cond. standby-----	11

## 5- SERVICE CALL

51.Locked out/etc.-----	75
52.Water problem-----	348
53.Smoke/odor condition-----	104
54.Animal problem-----	3
55.Police assist-----	65
56.Unauthorized burning-----	13

## 6- GOOD INTENT CALL

61.Incident cleared prior to arrival-----	67
62.Wrong location-----	2
63.Controlled burning-----	23
64.Multiple box pull-----	2
65.Steam/gas mistaken for smoke-----	12

## 7- FALSE CALL

73.Malfunction of system-----	1,437
74.Unintentional -----	119
79.N.C.A.-----	32

JDA. ACTION TAKEN

	<u>TOTAL</u>
32- EXTRACTION -----	4
31- MANPOWER -----	797
35- SEARCH -----	14
36- TRANSPORTATION -----	9
37- FORCE ENTRY -----	2
41- REMOVE HAZARD (Spills) -----	140
52- MOVE-UP -----	437
53- FIRE WATCH -----	55
54- WATER REMOVAL -----	4
57- FORCE ENTRY -----	10
91- CODE ENFORCEMENT -----	2
98- NO ACTION TAKEN -----	226
99- NOT CLASSIFIED ABOVE -----	12

JEA-LEVEL OF ORIGIN1- LEVEL ABOVE GRADE

11- GRADE LEVEL -----	227
12- 2nd. STORY -----	185
13- 3rd. STORY -----	121
14- 4th. to 5th. -----	53
15- 6th. to 10th. -----	43
16-11th. to 15th. -----	17
17-16th. to 20th. -----	2
18- Over - 20 -----	1

2- LEVEL BELOW GRADE

21- 1 story BELOW GRADE -----	156
22- 2nd story BELOW GRADE -----	0

JCB-CONDITION ON ARRIVAL

6- FULLY INVOLVED -----	127
7- EXPOSURE -----	36

## 1- PUBLIC ASSEMBLY PROPERTY

	<u>TOTAL</u>
11. FIXED USE AMUSEMENT PLACES	
111. Bowling -----	0
112. Billiard, pool hall -----	0
113. Bingo, dance hall -----	0
114. Ice rink -----	1
115. Roller rink -----	0
119. Not classified above -----	0
12. VARIABLE USE AMUSEMENT PLACES	
121. Ballroom, gymnasium -----	0
122. Exhibition hall -----	0
123. Arena, grandstand -----	2
124. Playground -----	10
13. CHURCH, FUNERAL PARLORS	
131. Church, chapel -----	3
132. Religious education -----	0
133. Church hall-meeting -----	0
134. Funeral parlor, morgue -----	0
14. CLUBS	
141. Boys Club -----	0
143. Yacht Club -----	0
149. Not classified above -----	0
15. LIBRARIES, MUSEUM, COURTS	
151. Library -----	0
152. Museum, art gallery -----	0
153. Historical building -----	0
154. Memorial building -----	0
155. Court room -----	0
16. EATING, DRINKING PLACES	
161. Restaurant, diner -----	7
162. Nightclub -----	2
163. Tavern -----	2
164. Lunchroom, drive-in -----	0

## 17-PASSENGER TERMINALS

(33)

FIRES

171. Airport,pass.term.-----	3
172. Heliport,helistop -----	0
173. Bus passenger term.-----	0
174. St.level rail term.-----	6
175. Undergrnd.rail term.-----	1
176. Elevated rail term.-----	2
177. Marine pass.term.-----	0

## 18-THEATER,STUDIOS

181. Legitimate theater -----	0
182. Auditorium,concert hall -----	0
183. Motion pix theater -----	0
184. Drive-in theater-----	0
185. Radio,T.V. studio-----	0
186. Motion pix studio-----	0

## 2-EDUCATIONAL PROPERTY

## 21. NON-RESIDENTIAL SCHOOLS

211. Nursery school-----	0
212. Kindergarten -----	0
213. Elementary School-----	17
214. Junior high school-----	8
215. High school-----	13

## 22-RESIDENTIAL SCHOOL

221. Boarding school-----	0
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## 23- TRADE,BUSINESS SCHOOL

231. Vocational trade school-----	2
232. Business school -----	0
233. Specialty school -----	0
234. Rehabilitation center-----	1

## 24- COLLEGE,UNIVERSITY

241. College,university -----	1
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## 3-INSTITUTIONAL PROPERTY

	<u>FIRES</u>
31.CARE FOR THE AGED	
311. Care/aged w/nursing -----	0
312. Care/aged w/o nursing-----	0
32.CARE OF THE YOUNG	
321. Day child-care center-----	2
322. Orphanage -----	0
323. Foster home -----	0
33.CARE OF THE SICK,INJURED	
331. Hospital -----	10
332. Sanitarium -----	0
334. Clinic -----	1
34. CARE OF THE PHYSICALLY RESTRAINED	
341. Prison cell-men-----	0
342. Prison cell-women -----	0
343. Juvenile detention home-----	0
345. Police station-----	1
35. CARE OF THE PHYSICALLY INCONVENIENCED	
351. Care of deaf-mute-blind-----	0
352. Physical rehabilitation -----	0
36.CARE OF MENTALLY HANDICAPPED	
361. Mental institution-----	0
362. Mentally retarded-----	0
30. INSTITUTIONAL PROPERTY,UNCLASSIFIED	
309. Institutional unclassified-----	0

## RESIDENTIAL PROPERTY

FIRES

## 41-ONE AND TWO FAMILY DWELLINGS

411. One family dwelling-----	15
412. Two family dwelling-----	236

## 42- APARTMENTS, TENEMENTS, FLATS

421. 1 or 2 units w/business-----	20
422. 3 through 6 units-----	251
423. 7 through 20 units-----	58
424. over 20 units -----	259

## 43- ROOMING, BOARDING, LODGING HOUSE

431. 3 to 8 roomers -----	0
432. 9 to 15 roomers-----	2

## 44- HOTELS, MOTELS, INNS

441. Less than 20 units-----	1
443. 20 to 90 units-----	2
445. 100 or more units -----	6

## 46- DORMITORIES

461. School, college dorm.-----	0
462. Fraternity, sorority -----	0
463. Nurses quarters-----	0
465. Convent, monastery-----	0
466. Workers bunk house -----	0

## 48- HOME HOTELS

481. Less than 20 units -----	0
483. 20 to 99 units -----	0
485. 100 or more units -----	0

## 49 - OTHER RESIDENTIAL OCCUPANCY

491. Childrens playhouse -----	0
492. Outdoor tents-----	0

FIRES

## 51. FOOD AND BEVERAGE SALES

511. Supermarket -----	1
512. Grocery store -----	1
513. Specialty food store-----	1
514. Liquor,beverage store-----	1
515. Creamery,dairy store-----	0
516. Delicatessen-----	0

## 52. TEXTILE,WEARING APPAREL SALES

521. Clothing store-----	3
522. Clothing access-shoe store-	0
523. Shoe repair shop-----	1
524. Tailor,dressmaking shop----	0
525. Fur store-----	0
526. Dry goods store -----	0

## 53. HOUSEHOLD GOODS,SALES,REPAIRS

531. Furniture store-----	1
532. Appliance store-----	0
533. Hardware store -----	1
534. Music store -----	0
535. Wallpaper,paint store -----	0
536. Rug,floor covering store---	0
537. Furniture REPAIR-----	0
538. Appliance repair shop -----	0

## 54. SPECIALTY SHOP

541. Book ,stationery store-----	1
542. Newsstand,tobacco shop-----	1
543. Drug store-----	0
544. Jewelry store -----	1
545. Gift store-----	0
546. Leather goods shop -----	0
547. Florist ,greenhouse -----	0

## 55. RECREATION , HOBBY, HOME REPAIR

(37)

	<u>TOTAL</u>
551. Hobby, toy shop -----	0
552. Sporting goods sales -----	0
553. Photo supplies-sales -----	0
554. Garden supply stores -----	0
555. Retail lumber sales -----	0
556. Pet stores/hospital -----	0
557. Barber, beauty shop -----	0

## 56. PROFESSIONAL SUPPLIES, SERVICES

561. Professional supply sales -----	0
562. Trade supply sales -----	0
563. Art supply sales -----	0
564. Laundry/cleaners/self-service ----	1
565. Linen supply house -----	0
566. Laundry/cleaner pick-up -----	2
567. Home maintenance services -----	0
568. Car washing facilities -----	0

## 57. MOTOR VEHICLE, BOAT SALES, SERVICES

571. Service station, public -----	1
572. Service station, pvt. -----	0
573. Vehicle repair/paint shop -----	5
574. Vehicle, trailer sales -----	1
575. Vehicle accessory sales -----	1
576. Boat, craft sales -----	0
577. Service station, marine -----	0
578. Car washing facilities -----	0

## 58. GENERAL ITEM STORES

581. Department stores -----	1
582. Variety store, small -----	0
583. Variety store, large -----	0
584. Mail order store -----	0
585. Mail -----	0
589. General item store-N.C.A -----	2

## 59. OFFICES

591. General business office -----	5
592. Bank -----	0
593. Medical research office -----	0
594. Engineering/architectural -----	0
595. Mailing Office -----	0
596. Post office -----	3



## MANUFACTURING PROPERTY

71- FOOD	<u>TOTAL</u>
711- Slaughter,meat -----	1
712- Dairy products mfg.-----	2
713- Canning.fruit,vegetables-----	0
715- Grain prod.mfg. -----	0
716- Baking prod.mfg.-----	1
718- Snack food mfg. -----	0
73- TEXTILES	
733- Wool prod. -----	1
735- Textile finishing -----	0
736- Knitting mill -----	2
738- Floor covering -----	0
74- FOOTWEAR,WEARING APPAREL	
741- Footwear mfg. -----	0
742- Wearing apparel mfg.-----	1
744-Tannery -----	1
746-Leather prod.mfg. -----	0
747-Rubber prod. mfg. -----	0
75- WOOD,PAPER,FURNITURE,PRINTING	
751- Sawmill -----	0
753- Wood,cork prod.mfg. -----	1
754- Furniture mfg. -----	0
757- Newspaper,magazine -----	2
76- CHEMICAL,PLASTIC,PETRO	
762- Haz.chemical mfg.-----	3
763- Plastic mfg. -----	2
767- Petroleum refinery,natural gasplant-----	1
77- METAL,METAL PROD.	
773- Metal prod. mfg. -----	5
774- Machinery mfg. -----	1
775- Elect.equip.mfg. -----	1
78- VEHICLE ASSEMBLY,MFG.	
783- Railway equip.assembly,repair-----	0
784- Motor Vehicle mfg.assembly-----	2
79- OTHER MANUFACTURING	
796- Laundry,drycleaning plants -----	0
798- Toy sporting goods -----	2

## 86. CHEMICAL, PLASTIC PRODUCTS

861. Industrial chemical-----	1
862. Hazardous chemical -----	0
863. Plastic-plastic product-----	3
864. Fertilizer-----	0
865. Paint-varnish-----	0
866. Drugs-cosmetics-----	0
867. Rubber.rubber prod.-----	1
868. Photo/film storage-----	0

## 87. METAL. METAL PRODUCT STORAGE

871. Basic metal form-----	0
872. Metal parts-----	0
873. Hardware-----	0
874. Machinery-----	2
875. Elect. appliance supp.-----	0
876. Finished metal prod.-----	0
877. Scrap/junk yards-----	11

## 88. VEHICLE STORAGE

881. Garage, residential-----	45
882. Garage, parking -----	2
883. Bus-car-truck fleet dealer-----	0
884. Heavy machine equip.-----	0
885. Marinas-boat, ship-----	0
886. Aircraft hangar-----	2
887. Railway storage-----	1
888. Fire station-----	0

## 89. GENERAL ITEM STORAGE

891. General warehouse -----	4
892. Bagged mineral prod.-----	0
893. Packaged mineral prod.-----	0
894. Freight terminal-----	1
895. Coal/coke/charcoal-----	0
897. Ice storage-----	0
898. Wharf/pier-----	0

## 80. STORAGE PROPERTY, UNCLASSIFIED

808. Tool shed -----	15
----------------------	----

91. CONSTRUCTION, UNOCCUPIED PROPERTY (40)		FIRES
DAI-	1. Under construction -----	0
	5. Vacant property -----	227
	6. Abandoned -----	0
	7. Being demolished -----	1
92. SPECIAL STRUCTURES		
	921. Bridge, trestle -----	9
	922. Tunnel -----	1
	923. Public mailbox -----	11
	924. Toll station -----	0
	925. Shelter, bus, storm -----	1
	926. Outbuilding -----	1
	927. Telephone booth -----	0
93. OUTDOOR PROPERTIES		
	930. Insufficient information -----	64
	931. Open land/field -----	7
	932. Dump/land fill -----	0
	933. Residential yard -----	327
	934. Cemetary -----	3
	936. Vacant lot -----	333
	938. Parks -----	36
	937. River front -----	2
94. WATER AREA		
	942. Port, channel -----	0
	946. Inland water area -----	0
	943. Piers -----	0
95. RAILROAD PROPERTY		
	951. Railroad right of way -----	80
	952. Switchyard -----	3
	953. Siding -----	2
96. ROAD, PARKING PROPERTY		
	961. Divided hwy. -----	79
	962. Paved public street -----	685
	963. Paved private street -----	8
	965. Openparking lot -----	11
97. AIRCRAFT AREAS		
	971. In flight -----	0
	972. On runway -----	0
	974. At loading ramp -----	3
98. OUTSIDE EQUIPMENT - OPER. AREA		
	981. Construction site -----	0
	984. Industrial plant yard -----	52

DIVISION OF INVESTIGATION  
(Arson Squad)

ANNUAL REPORT FOR THE YEAR 1986  
submitted by  
Deputy Chief J.V. Raymond

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The following is a report of the activities of the Arson Squad of the Newark Fire Department for the year 1986.

The complete records of all investigations conducted by the Arson Squad, including photographs, evidence, statements, etc., are on file in the Arson Squad office and will be made available to interested parties where needed for deposition, Grand Jury presentation, criminal prosecution, civil suit or for any purpose demanded by law.

Records of juvenile apprehensions, adult arrests, together with court disposition of these arrests, are on file in the Arson Squad office, and will be made available to the proper authorities on request.

The Arson Squad has maintained a daily association with other bureaus of municipal government, such as the Newark Police Department Youth Aid Bureau, Board of Education, Fire Prevention division and the Department of Health and Welfare.

Throughout the past year, we have continued our liaison with the New Jersey State Police, Essex County Prosecutor's office, Federal Bureau of Investigation, Alcohol, Tobacco, and Firearms, New Jersey Motor Vehicle Department, New Jersey Family Services. These agencies have given us important assistance in many of our investigations and we express our gratitude for this help.

Assisted the Division of Criminal Justice with their In-Service Training Program established under N.J.S.A. 40A:14-7.1.

Continued to cooperate with Essex County Prosecutor's office (Arson Task Force) with investigations throughout Essex County.

The Division of Investigation has continued to investigate the illegal dumping of chemical waste.

The Division of Investigation assisted in the training of new firefighters at the Training Center, and also assisted in training other Arson units through the use of films from our film library.

Arson Squad (2)

Provided speakers for the following engagements: New Jersey State Arson Advisory Committee, New Jersey Bell and the Optimist Club.

Members of the Arson Squad took the following courses:

Arson for Profit Investigation, given by the Federal Bureau of Alcohol, Tobacco and Firearms. (ATF)

Division of Criminal Justice Arson Investigation Training Course, at the State Police Barracks, Sea Girt, New Jersey.

Advanced Arson Investigation, given by Division of Criminal Justice at Kean College, Union, New Jersey.

Basic Police Course for Arson Investigators, given at Newark Police Academy. All members requalified in the care and use of firearms in this course.

Hazardous Waste Investigation and Prosecution, at the Essex County Police Academy.

Attended training seminar in fire and arson investigation procedures, given by the Morris County Fire and Arson Investigators Association.

In-Service training program on Juvenile Firesetters, given by the Division of Criminal Justice.

Chemical Breath Analysis Course, given by the New Jersey State Police.

Investigation of Automobile fires conducted by the Monmouth County Fire and Arson Investigators Association.

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DIVISION OF INVESTIGATION

(Arson Squad)

Investigations for the year 1986

Signal 100	609
Signal 102	654
Multiple Alarms	59
Complaints	<u>159</u>

Total	1481
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Signal 200 (Deaths)	18
Signal 300 (False Alarms)	10

BREAKDOWN OF INVESTIGATIONS

	<u>Buildings</u>	<u>Non-Buildings</u>	<u>Motor Vehicles</u>	<u>Total</u>
Arson	138	3	285	426
Accidental	92	5	11	108
Undetermined	305	68	128	501
Suspicious	117	10	174	301
C/ Mischief	<u>4</u>	<u>31</u>	<u>1</u>	<u>36</u>
Total	656	117	599	1372

ARRESTS

	<u>Juvenile</u>	<u>Adult</u>	<u>Total</u>
Arson	4	45	49
False Alarms	13	2	15
Threat to burn	0	2	2
Warrant	1	2	3
Others	<u>4</u>	<u>27</u>	<u>31</u>
Total	22	78	100

	<u>Juvenile</u>	<u>Adult</u>	<u>Total</u>
Reprimand (Fire)	9	0	9
Reprimand (300's)	5	0	5

Referred to Division of Youth and Family Services	1
Referred to Youth Aid Bureau	0
Court Appearances	75
Court Hours	260

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DIVISION OF INVESTIGATION  
(Arson Squad )  
Deaths by Fire 1986

<u>Date</u>	<u>Time</u>	<u>Station</u>	<u>Address</u>	<u>Sex</u>	<u>Age</u>	<u>Cause</u>	<u>Building Code</u>
Jan. 24	-	-	224 So. Orange Ave.	B/F	55	Accidental	423
Jan. 26	0936	3425	168 No. 9th St.	B/F	94	Arson	422
Jan. 28	0508	4144	328 Irvine Turner Blvd.	W/M	38	Suspicious	423
Jan. 28	0508	4144	328 Irvine Turner Blvd.	B/F	66	Suspicious	423
Feb. 2	1844	5178	9 Clover St.	W/M	22	Undetermined	422
Mar. 3	0316	4158	708 M.L. King Blvd.	B/M	64	Undetermined	424
Mar. 3	0316	4158	708 M.L. King Blvd.	B/M	50	Undetermined	424
Mar. 16	2337	1417	172 Roseville Ave.	B/F	35	Accidental	423
Mar. 29	0752	1446	422 So. 17th St.	B/F	53	Undetermined	422
Mar. 30	1330	5421	20 Delancy St.	H/M	73	Accidental	414
May 9	2122	1438	302 So. 12th St.	B/M	18	Arson	891
May 29	0950	2525	713 Frelinghuysen Ave.	O/M	25	Accidental	161
May 29	0950	2525	713 Frelinghuysen Ave.	C/M	-	Accidental	161
Oct. 5	0536	4451	509 Avon Ave.	B/F	43	Arson	422
Oct. 11	1706	2424	113 Elizabeth Ave.	B/M	51	Accidental	421
Nov. 30	1405	-5-	Branch Brook Park	B/M	50	Suicide	-
Dec. 13	1720	1335	79 Littleton Ave.	B/M	73	Undetermined	411
Dec. 31	1056	-5-	41 Lincoln Ave.	H/M	31	Suicide	-

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FIRE SIGNAL SYSTEM OPERATIONS  
1986 ANNUAL REPORT  
ALBERT S. LASSO, CHIEF

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In compliance with the Rules and Regulations of the Newark Fire Department, I hereby submit this Annual Report, for the year 1986:

1. Alarms transmitted	16,804
2. False Alarms received	5,606
3. Box Tests supervised	5,000
4. Tests from private Fire Alarm Companies supervised	3,000
5. Tests conducted of Airport Fire Alarm facilities	365
6. Telephone calls handled over Centrex System (approx.)	510,000
7. Radio calls handled (approx.)	300,000
8. Number of circuits tested	90,000
9. Miscellaneous reports prepared and distributed	10,000
10. Individuals and Agencies dispatched to multiple alarms	3,600
11. Prepared and distributed daily alarm summary reports	365
12. Prepared orders for purchase of equipment and materials necessary for this Division	
13. Verified invoices and bills related to all Fire Department telephones.	
14. Supervised installation of new equipment within the Central Office.	
15. Other job operations performed - bookkeeping, janitorial duties, etc.	
16. Policy Planning and Research in order to maintain the Fire Department's modern and efficient operation.	
17. Prepared budget for Operations Division.	

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# 1. GONG ALARMS TRANSMITTED

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
a) Full assignment alarms (all normally scheduled units)	220	199	217	188	260	267	247	245	207	212	210	227	2699
b) Signal Eight alarms (Response limited to one Engine Company, a Ladder unit and a Battalion Chief)	62	72	73	51	62	67	103	206	188	198	180	172	1434
c) Signal Nine alarms (Two Engine Companies, a ladder unit and a Battalion Chief)	413	314	481	519	555	647	588	557	564	607	548	524	6317
d) Total of the foregoing	695	585	771	758	877	981	938	1008	959	1017	938	923	10450

## 2. ONE UNIT ALARMS TRANSMITTED

a) Single company fire incidents, emergencies, etc.	587	370	668	597	665	787	654	381	406	458	393	388	6354
b) Total movements in this category (Drills, parades, repairs, etc.)	815	604	885	799	930	1080	888	607	611	768	655	646	9288

## 3. GRAND TOTAL

a) Paragraphs #1 & # 2 combined	1510	1189	1656	1557	1807	2061	1826	1615	1570	1785	1593	1569	19738
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## 4. ALARMS RECEIVED FROM (BY)

a) Fire Box:	339	270	407	417	520	596	568	553	539	558	450	417	5634
b) Public telephone:	310	265	301	294	297	336	312	400	372	400	435	444	4166
c) Central Station Automatic Systems:	39	43	51	37	42	42	45	45	36	43	40	46	509
d) Police Department:	0	0	2	2	6	0	4	2	4	6	6	0	32
e) Department's Radio System:	7	7	10	8	12	7	9	8	8	10	7	16	109
f) Total of the foregoing:	695	585	771	758	877	981	938	1008	959	1017	938	923	10450

5. MULTIPLE ALARMS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
a) Second Alarms	4	7	7	5	4	4	6	3	1	4	4	6	55
b) Third Alarms	0	2	0	0	0	2	0	0	0	0	1	2	7
c) Fourth Alarms	0	1	0	0	0	0	0	0	0	0	0	0	1
d) Total of the foregoing	4	10	7	5	4	6	6	3	1	4	5	8	63
6. <u>ALARMS FROM FIRE BOXES</u>													
a) Aggregate number of fire alarm boxes pulled.	379	300	447	459	575	656	625	603	587	613	495	459	6198
b) Signals from fire boxes held, alarm already transmitted.	40	30	40	42	55	60	57	50	48	55	45	42	564
7. <u>REPORTS FOR SAME INCIDENT REC. THROUGH TWO UNRELATED MEDIUMS.</u>													
a) Confirming alarm received from fire box after notice by phone:	25	24	36	34	38	42	40	44	38	40	38	44	443
b) Confirming phone notice received after alarm from fire box:	15	13	20	18	19	24	20	20	17	18	10	20	214
c) Alarms received from a single source:	655	548	715	706	820	915	878	944	904	959	890	859	9793
8. <u>MISCELLANEOUS</u>													
a) Units relocated in emergencies.	89	102	54	43	62	117	67	53	47	67	68	88	857
b) Telegraph signals transmitted.	5951	4942	6469	6124	7258	8111	7393	7049	6664	7299	6699	6707	80666
c) Enroute units stopped by radio and returned to service.	3058	2574	3392	3335	3858	4312	4127	4435	4219	4474	4127	4061	45972
d) Newark units responding to other communities.	5	2	4	3	2	1	3	1	1	2	1	1	26

FIRE SIGNAL SYSTEM OPERATION  
 MAINTENANCE & CONSTRUCTION  
 ANNUAL REPORT  
 FOR THE YEAR 1986  
 SUBMITTED BY  
 JOHN DI BLASIO, CHIEF  
 WALTER MASZCZAK, ASST. CHIEF

The following is an account of this division's work performed during the twelve-month period of 1986, ending December 31.

Subterranean ducts rodded, (feet of) - - - - -	11,625
Pull wire installed in ducts (feet of) - - - - -	13,120
Subterranean cable installed (feet of conductor) - - - -	332,750
Single line wire installed (feet of) - - - - -	11,025
Aerial cable installed (feet of conductor) - - - - -	3,675
Twin "C" wire installed (feet of conductor)- - - - -	25,200
Galvanized messenger installed (feet of) - - - - -	150
Subterranean cable removed (feet of conductor) - - - -	225,000
Line wire removed (feet of) - - - - -	11,025
Fire alarm boxes installed (modified)- - - - -	38
Fire alarm boxes relocated - - - - -	8
Fire alarm boxes to shop for service/modification - - -	62
Fire alarm boxes inspected, tested and wound - - - - -	9,225
Stanchions and junction boxes replaced or reset- - - - -	49
Stanchions and junctions rehabilitated - - - - -	86
Pole line construction released - - - - -	289
Pole transfers completed - - - - -	186
Trees trimmed - - - - -	150
Ground rods buried - - - - -	25
Fire house chargers and batteries - - - - -	165
Field inspections (hours of) - - - - -	155
Training sessions (hours of) - - - - -	48
Housekeeping/Vehicle maintenance (hours of)- - - - -	48
Major job operations completed - - - - -	4,450
Minor job and corrective functions performed - - - - -	7,750
Pre-construction and survey conferences- - - - -	5
Central office maintenance (hours of) - - - - -	50

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SPECIAL SERVICES AND SUPPLY DIVISION  
ANNUAL REPORT SUBMITTED BY  
DAVID J. KINNEAR, DEPUTY CHIEF  
FOR THE YEAR 1986

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The Special Service and Supply Division operated on an around-the-clock basis throughout year, and continued to provide the necessary services of supply and repair to all Fire Department units, and provided services to other city departments and agencies and the community in general.

Accomplishments and services provided by various sections of this division during 1986 are as follows:

DELIVERY AND PICK-UP SERVICE: Deliveries and pick-ups were made on a morning, afternoon, and evening basis as per schedule, for routine items. Items of an emergency nature were handled immediately. Supplies handled were such things as tools, extinguishers, oxygen and air cylinders, masks, furniture, lockers, ladders, hose, other firefighting equipment and Haz-Mat supplies and material.

Special Service personnel responded to fire scenes with fuel for apparatus, air tanks, salvage covers, foam, the Hi-Ex foam generator, smoke ejector and other supplies, as requested. Salvage covers were picked up from fire scenes and redistributed to companies throughout the department. Fire apparatus requiring repair or replacement were picked up and delivered to various locations. Vehicles and personnel were supplied to assist in relief of firefighters at tour changes.

MASK DIVISION: The mask division is charged with the repair and continuing maintenance of all type masks used by the Fire Department. During the year, a total of 1,927 masks were bench checked, repaired and rebuilt to proper working specifications, 199 air tanks were also repaired and maintained.

Purchase of a new pure air compressor was approved. This unit will replace our present obsolete back-up compressor, and our present first line compressor will be maintained as a back-up. The new unit will be installed early in 1987. This unit will reduce the chances of air contamination and enable us to better comply with Federal and State Health laws.

Because of the phasing out of production of the presently used Mark 1 Survivair mask, several different types of masks have been placed with field units for evaluation.

Special Services and Supply Division (2)

HOSE SHOP: The Hose Shop kept all fire companies properly supplied with hose and fittings. All hose was subjected to an annual test. Defective, over-age, or damaged hose was repaired or replaced; as were damaged nozzles, valves, adapters, fittings, brackets and other equipment. An inventory report from the hose department accompanies this report.

SUPPLY DEPARTMENT: Tools, equipment and supplies were ordered, received, checked, recorded, stored or distributed as needed throughout the department. Personnel repaired Porto-Lites, other hand lights, desk lamps, extension cords, K12 saws, generators and other equipment. In conjunction with the City Carpenter Shop construction of mask boxes, skid load panels, hose bed decking, etc., was accomplished; broken axe and hook handles, chairs, tables and other equipment were repaired as necessary. This unit is also responsible for the repair of portable pumps, esplosimeters and with the maintenance of a supply of saw blades. Through this department, maintenance and upkeep of fire department buildings is accomplished through liaison with other city agencies.

LADDER SHOP: Various size metal ladders were received, stored and placed in service with fire companies. All department ladders are now maintained and repaired, if possible, by Special Service personnel.

CANVAS SHOP: Canvas items, such as mask box covers, control box covers for hook and ladder trucks, chain saw sheaths, electrical generator covers, turret nozzle covers, mask facepiece holders, rope bags, etc., are made in this department. Window shades are made or repaired for all fire department buildings.

GENERAL ACTIVITIES: A new machine, allowing for a quicker and cleaner operation in refilling dry powder extinguishers, was installed in 1986.

With the cooperation of the Training Division and field units, several new tools were evaluated. They include the hydrant barrel plug and the unlimited padlock breaker, which have been placed in service. At present, a pneumatic power impact tool (Airgun 40) is being evaluated by the Rescue squad.

Portable pumps were made available to the community for pumping out flooded basements and cellars. Portable electric generators, lamps, cables and fire extinguishers were also made available and delivered for various demonstrations and functions.

Special Services and Supply Division (3)

A daily maintenance and security check was made at the former quarters of Engine Co. No. 32.

The Haz-Mat Truck was stored at Special Service and maintained by Special Service personnel.

Each sub-division of Special Service maintained records and file systems and submitted required reports consistent with duties and activities. Housekeeping duties were performed to maintain quarters in a clean and presentable condition.

A statistical report of Special Service Performance accompanies this report.

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SPECIAL SERVICES AND SUPPLY COMPANY  
ANNUAL APPARATUS REPORT FOR THE YEAR 1986  
SUBMITTED BY CHIEF OF APPARATUS  
WALTER B. MUELLER

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In compliance with rules and regulations, the following report is respectfully submitted, outlining the activities of the Apparatus Division for the year 1986:

- \* Performed liaison work between the Repair Shop and the Fire Department.
- \* Serviced and tested pumpers.
- \* Time tested and inspected aerial ladders.
- \* Change-over of apparatus was made when necessary.
- \* Lubrication, oil changes, and preventive maintenance work was performed periodically.
- \* Supervised the record keeping of repairs to apparatus.
- \* Assisted in writing specifications for new apparatus.
- \* Performed an Inspection and Acceptance Testing of new apparatus.

The Fire Department has a fleet of 88 vehicles and one Fireboat, consisting of:

20 Pumpers and 10 Spare Pumpers.

10 Trucks and 4 Spare Trucks.

1 Rescue Squad Unit and 1 Spare Rescue Squad Unit.

The remaining vehicles are assigned to Chiefs, the Training Academy, Special Services and Supply Company, Division of Investigation, Community Relations Division, Telegraph Division, and the Division of Fire Prevention and Life Safety.

In 1986, there were ten new vehicles added to the fleet:

Two Engines, five Station Wagons, and three Sedans.

Eight vehicles were decommissioned during the year:

Two Engines, three Station Wagons, three Sedans.

SPECIAL SERVICES AND SUPPLY COMPANY (2)  
APPARATUS REPORT

Following is a list of Vehicles and Assignments by Register Number :

<u>Reg. No.</u>	<u>Model</u>	<u>Assignment</u>
1001	1982 Seagrave Rear Mount	Truck Co. 4
1002	1978 Amer. La France Rear Mount	Truck Co. 11
1003	1985 Chevrolet Van	Training
1004	1974 Ward La France Pumper	Engine Co. 16
1005	1981 Continental Pumper	Engine Co. 5
1006	1981 Continental Pumper	Engine Co. 29
1007	1981 Continental Pumper	Engine Co. 19
1008	1972 Mack Pumper	Spare Engine
1009	1968 Mack Pumper	Spare Engine
1011	1985 Chevrolet Van	Telegraph
1013	1976 Hendrickson Sqr't	Engine Co. 14
1014	1973 Ward La France Pumper	Spare Engine
1015	1974 Ward La France Pumper	Spare Engine
1016	1982 Seagrave Rear Mount	Truck Co. 12
1017	1981 Continental Pumper	Engine Co. 17
1018	1974 Ward La France Pumper	Engine Co. 28
1020	1975 Chevrolet Step Van	Training
1021	1974 Chevrolet Step Van	Training
1022	1968 Mack Pumper	Spare Engine
1024	1981 Continental Pumper	Engine Co. 10
1028	1975 Chevrolet Four Wheel Drive	Training
1029	1972 Mack Pumper	Spare Engine
1033	1973 Ward La France Pumper	Spare Engine
1035	1974 Ward La France Pumper	Engine Co. 8
1036	1973 Ward La France Pumper	Spare Engine
1038	1983/1969 White Seagraves	Truck Co. 5
1040	1974 Seagrave Aerial	Truck Co. 7
1041	1986 Chevrolet Station Wagon	Deputy 1
1042	1986 Chevrolet Station Wagon	Deputy 2
1043	1971 Four Wheel Drive Pumper	Spare Engine
1044	1986 Chevrolet Station Wagon	Battalion 1
1045	1986 Chevrolet Station Wagon	Battalion 3
1046	1974 Ward La France Pumper	Engine Co. 26
1047	1986 Chevrolet Station Wagon	Battalion 4
1048	1976 Hendrickson Sqr't	Spare Sqr't
1049	1986 Emergency One Pumper	Engine Co. 27
1050	1986 Emergency One Pumper	Engine Co. 11
1055	1973 Seagrave Aerial	Spare Truck
1056	1981 Chevrolet Pick-up	Special Services
1959	1975 Mack	Spare Rescue
1060	1985 Emergency One	Rescue 1
1062	1980 Chevrolet Station Wagon	Spare Gig
1065	1978 Chevrolet Station Wagon	Repair Shop
1066	1981 Chevrolet Station Wagon	Fire Prev. & Life Safety
1068	1981 Chevrolet Station Wagon	Spare Gig
1069	1981 Chevrolet Station Wagon	Department Messenger



SPECIAL SERVICES AND SUPPLY COMPANY (3)  
APPARATUS REPORT

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Vehicle Inventory (cont'd)

<u>Reg. No.</u>	<u>Model</u>	<u>Assignment</u>
1071	1980 Chevrolet Station Wagon	Special Services
1072	1980 Chevrolet Station Wagon	Telegraph
1073	1974 Chevrolet Pick-Up	Special Services
1074	1978 Chevrolet Pick-Up Crew Cab	Special Services
1075	1978 Chevrolet Van	Special Services
1077	1972 Seagrave Aerial	Spare Truck
1079	1971 Mack Snorkel	Truck Co. 6
1080	1972 Seagrave Aerial	Spare Truck
1081	1972 Seagrave Aerial	Truck Co. 8
1083	1974 Seagrave Aerial	Spare Truck
1084	1981 Chevrolet Station Wagon	Photographer
1085	1970 Chevrolet Cherry Picker	Telegraph
1089	1975 Seagrave Rear Mount	Truck Co. 9
1091	1973 Ward La France Pumper	Engine Co. 21
1097	1973 Ward La France Pumper	Spare Engine
1100	1982 Seagrave Rear Mount	Truck Co. 10
1101	1983 Chevrolet Sedan	Claude M. Coleman
1106	1972 Chevrolet Line Truck	Telegraph
1107	1980 Dodge Boom Truck	Telegraph
1108	1984 G.M.C. Boom Truck	Telegraph
1110	1985 Emergency One Quint	Truck Co. 1
1113	1978 Chevrolet Sedan	Arson Squad
1114	1978 Chevrolet Sedan	Arson Squad
1118	1980 Chevrolet Sedan	Arson Squad
1119	1980 Chevrolet Sedan	Chief of Apparatus
1120	1986 Chevrolet Sedan	D/C Executive Officer
1121	1980 Chevrolet Van	Community Relations
1130	1983 Chevrolet Station Wagon	Training
1131	1983 Chevrolet Station Wagon	Community Relations
1132	1983 Chevrolet Station Wagon	Batt. Chief #5
1133	1983 Chevrolet Station Wagon	Fire Prev. & Life Safety
1134	1983 Chevrolet Station Wagon	Fire Prev. & Life Safety
1135	1983 Chevrolet Sedan	Community Relations
1136	1983 Chevrolet Sedan	Arson Squad
1137	1986 Chevrolet Sedan	Chief of Department
1138	1986 Chevrolet Sedan	Arson Squad
1152	1983 Amer. La France Pumper	Engine Co. 12
1155	1983 Amer. La France Pumper	Engine Co. 15
1156	1983 Amer. La France Pumper	Engine Co. 6
1157	1984 Emergency One Sqrt	Engine Co. 7
1158	1984 Emergency One Sqrt	Engine Co. 18
1159	1984 Emergency One Sqrt	Engine Co. 9
1199	John F. Kennedy	Fireboat

SPECIAL SERVICES AND SUPPLY

HOSE DIVISION  
ANNUAL REPORT  
SUBMITTED BY  
CAPTAIN ANTHONY GRAZIANO  
FOR THE YEAR 1986

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The following report indicates the amount of fire hose in service, hose in reserve, and used fire hose on hand. Also included is the amount of brass work done, as of December 31, 1985.

		<u>HOSE INVENTORY</u>	<u>TOTAL AVAILABLE</u>
4½"	In service	20 - 15 ft. lengths	300 ft.
4½"	In reserve, new	4 - 15 ft. lengths	60 ft.
4½"	In reserve, used	4 - 15 ft. lengths	60 ft.
		<u>28 - 15 ft. lengths</u>	<u>420 ft.</u>
4"	In service	270 - 50 ft. lengths	13,500 ft.
4"	In reserve, new	27 - 50 ft. lengths	1,350 ft.
4"	In reserve, used	20 - 50 ft. lengths	1,000 ft.
		<u>317 - 50 ft. lengths</u>	<u>15,850 ft.</u>
3"	In service	21 - 50 ft. lengths	1,050 ft.
3"	In reserve, used	285 - 50 ft. lengths	14,250 ft.
		<u>306 - 50 ft. lengths</u>	<u>15,300 ft.</u>
2½"	In service	284 - 50 ft. lengths	14,200 ft.
2½"	In reserve, new	105 - 50 ft. lengths	5,250 ft.
2½"	In reserve, used	129 - 50 ft. lengths	6,450 ft.
		<u>518 - 50 ft. lengths</u>	<u>25,900 ft.</u>
1-3/4"	In service	255 - 50 ft. lengths	12,750 ft.
1-3/4"	In reserve, new	93 - 50 ft. lengths	4,650 ft.
1-3/4"	In reserve, used	6 - 50 ft. lengths	300 ft.
		<u>354 - 50 ft. lengths</u>	<u>17,700 ft.</u>
1½"	In service	105 - 50 ft. lengths	5,250 ft.
1½"	In reserve, used	58 - 50 ft. lengths	2,900 ft.
		<u>163 - 50 ft. lengths</u>	<u>8,150 ft.</u>
1"	Booster in service	52 - 50 ft. lengths	2,600 ft.
1"	Booster in reserve, new	48 - 50 ft. lengths	2,400 ft.
		<u>100 - 50 ft. lengths</u>	<u>5,000 ft.</u>
3/4"	Booster in service	35 - 50 ft. lengths	1,750 ft.
3/4"	Booster in reserve, new	24 - 50 ft. lengths	1,200 ft.
		<u>59 - 50 ft.</u>	<u>2,950 ft.</u>
		<u>NEW HOSE RECEIVED</u>	
2½"	- 100% Poly	25 - 50 ft. lengths	1,250 ft.
1-3/4"	- 100% Poly	75 - 50 ft. lengths	3,750 ft.
1"	Booster	12 - 50 ft. lengths	600 ft.
3/4"	Booster	6 - 50 ft. lengths	300 ft.
		<u>118 - 50 ft. lengths</u>	<u>5,900 ft.</u>

Special Services and Supply

Hose Division (2)

<u>NEW HOSE ISSUED</u>			<u>HOSE REPAIRED</u>	
4½"	15 ft. lengths	2	4½"	11 lengths
4"	50 ft. lengths	63	4"	95 lengths
3"	50 ft. lengths	0	3"	13 lengths
2½"	50 ft. lengths	19	2½"	35 lengths
1-3/4"	50 ft. lengths	70	1-3/4"	99 lengths
1½"	50 ft. lengths	0	1½"	14 lengths
1"	50 ft. lengths	9 (Booster)	1" Booster	10 lengths
3/4"	50 ft. lengths	4 (Booster)	3/4" Booster	9 lengths
		<u>167</u> lengths		<u>286</u> lengths

<u>HOSE TESTED</u>			<u>MISSING</u>	<u>FAILED</u>	<u>REPLACED</u>
4"	261 lengths	13,050 ft.	8	9	17
3"	26 lengths	1,300 ft.	0	0	0
2½"	284 lengths	14,200 ft.	7	11	17
1-3/4"	255 lengths	12,750 ft.	13	14	27
1½"	105 lengths	5,250 ft.	5	2	0
1"	52 Booster	2,600 ft.	0	0	0
3/4"	35 Booster	1,750 ft.	0	0	0
		<u>50,900</u> ft.	<u>33</u>	<u>36</u>	<u>61</u>

Total number of valves, nozzles, adapters, equipment and miscellaneous articles issued for the year - 53.    Repaired: 161.

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SPECIAL SERVICES AND SUPPLY COMPANY

PERFORMANCE REPORT

1986

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Number of alarms answered	164
Number of pickups and deliveries made	17,047
Gasoline distributed at fires (gallons)	170
Motor oil distributed at fires (gallons)	23
Diesel oil distributed at fires (gallons)	370
Electric generator used (number of times)	10
Floodlight cable used (number of feet)	20
Number of lights used	20
Window shades	126
Cellars pumped out (number of)	65
Hours spent pumping out cellars	193
Portolites repaired (number of)	265
Liquid foam distributed to companies (gallons)	645
Portolites batteries distributed to companies	621
Oxygen cylinders refilled (number of)	143
Scott & M.S.A. air cylinders refilled	17,112
15 lb. C.O.2 Extinguishers refilled	195
Masks repaired (number of)	1,927
Canvas covers for bags, boxes decks, supplied and repaired	83
Air tanks repaired	199
D.P.Extinguishers refilled	129
Smoke ejector used on special calls	2
Hi-Ex Expansion foam unit on special calls	1
Ladders repaired (number of)	48
Ladders repaired (feet of)	1,050
Movement of apparatus	59
Metal hooks assembled and repaired	165
Salvage covers picked up	138
K-12 & K-1290 saw repairs	370
Generator repairs	33
Salvage covers delivered	174

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TRAINING DIVISION  
ANNUAL REPORT SUBMITTED BY  
ALFRED FREDA, DEPUTY CHIEF  
FOR THE YEAR 1986

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The Training Division is responsible for all phases of Fire Department training. This responsibility includes training of recruit firefighters, in-service fire personnel and industrial fire brigades. The realization of these responsibilities is accomplished through course material presented by the National Fire Protection Association, Standard 1001, and programs of instruction promulgated by the International Fire Service Training Association.

The following major training programs were completed under the direction of Training Division Personnel:

MAJOR TRAINING PROGRAMS

Haz-Mat Incident Analysis .....	1/8/86 - 2/4/86
Large Diameter Hose .....	4/10/86
New Jersey State Police, S.C.B.A. ....	4/11/86
19th Probationary Class Group A. ....	4/21/86 - 5/23/86
19th Probationary Class Group B. ....	5/26/86 - 6/20/86
A.I.D. Inc. (Haz-Mat-Hands-On).....	6/23/86 - 6/26/86
Elizabeth Probationary Class.....	8/12/86 - 8/16/86
Haz-Mat Level A. (Video Tape) .....	9/2/86 on-going
Ear-Mark Communications.....	9/30/86 - 10/6/86
Vetter Air Bag System .....	10/7/86 - 11/3/86
Haz-Mat Chemistry Course .....	12/1/86 on-going

SPECIALIZED TRAINING

Good Counsel High School - C.P.R.	
New Jersey Bell	- High Rise Fire Safety
Essex County College	- Health Fair
St. James Hospital	- Health Fair
U.M.D.N.J.	- Safety Fair
Gateway II	- First Aid
U.M.D.N.J. E.M.S.	- Rappelling
Irvington Police	- Rappelling
Newark Public Library	- Fire Safety
Newark Police Academy	- First Responder
S.C.A. Disposal Plant	- Walk Through

## TRAINING DIVISION (2)

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An important aspect of the Division's responsibility is the training of industrial fire brigades and security forces of other government agencies. Training in firefighting and related subjects was offered to the following agencies:

- University of Medicine & Dentistry of New Jersey
- Newark Auxiliary Firefighters
- Marriott Hotel
- St. James Hospital
- Weston Instruments
- New Jersey Bell
- Gateway II
- Gateway III
- Chemical Waste Management

Other than the training functions of our staff, we are involved in other non-training types of activities. An explanation of these are as follows:

### DISASTER PLANNING

The Academy staff has worked diligently for the last several months on the Fire Rescue, and Haz-Mat annexes for the State and Federal Government's Disaster plans. The Division has also hosted several meetings for the State Police, enabling them to train other city agencies in preparing these plans. As of this writing, our plans have been completed and submitted to the Office of Emergency Management for its approval. When the anticipated approval is given, the plans will be submitted to the Director and Fire Chief for their signatures.

### AUDIO-VISUAL

The Audio-Visual Department continues to operate under normal guidelines, filming at some fires and related emergencies so that we have visual records for training and critiques. In the ensuing year we have filmed and edited all phases of the Haz-Mat Training. We are in the process of showing one of these productions to all fire houses via video tape. We have just completed the filming and editing of a tape about Firefighting Evaluations. This tape will be shown to all the Captains and Battalion Chiefs during the first week in January of 1987.

## TRAINING DIVISION (3)

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### FIREBOAT JOHN F. KENNEDY

The Chief of the Training Division is also responsible for the twenty-four hour operation, availability and readiness of the Fireboat. The Academy Staff is ready to man the boat during normal working hours to augment the manpower of the one firefighter normally assigned to the boat. Deputy Chief Alfred Freda and Captain Eugene Anderson go on standby when a light duty firefighter is assigned to the boat. They responded on off hours from their homes in times of emergency to man and operate the boat. The boat is now fully operational and is kept in a high state of readiness. The regularly assigned personnel are now in the process of training selected line companies to aid them in time of need.

### HAZ-MAT LIAISON OFFICER

The Training Commandant has been assigned by Fire Chief Stanley J. Kossup as the Haz-Mat Liaison Officer. Not only has the Training Academy been heavily involved in training this specialized unit, but has also become the hub for all its activities. We have generated the special report forms and documents required for the operation of this unit, and we have filed these forms when they have been returned to this office. Research and procurement of specialized equipment is also handled by this office, and we are now in the process of writing S.O.P's for their everyday operations. Meetings are held frequently at the Academy, bringing all the persons together who are involved with this unit's operation.

### CHAIRMAN, SAFETY REVIEW AND ACCIDENT PREVENTION BOARD

Under General Order 56-75 revised, the Academy Chief has assumed the role of Chairman of this important committee. Under its revised charter, an early January 1987 meeting has been scheduled. There are several outstanding accidents that will be investigated, and of course, all those avenues of safety that concern the department will be reviewed.

### DRIVER CERTIFICATION

The Training Academy Staff continues to certify apparatus drivers under Fire Department policy. During 1986, seventy-seven persons were certified as apparatus drivers. Since assuming this responsibility from the Division of Motors, we have insisted on quality and have noted a change in the quality of the drivers seeking certification. We are in the process of formulating plans to incorporate a short written examination in conjunction with the normal S.O.P. of on the road testing.

## TRAINING DIVISION (4)

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With the acquisition of our new Apple 11C Computer, the Training Academy has launched a major drive to update and modernize our record keeping procedures. Firefighter F. Shackleford is writing these programs for us at a tremendous savings to the city. An example of this is the training record program he is now formulating. We will soon have a complete training record on every member of the Fire Department, and more important, it will be stored on floppy disks for easy access. We hope to continue this trend toward modernization of all our records.

With the recently purchased Steam Jenny and special soap gun dispenser, we have gradually increased our role as a cleaning station for fire apparatus and equipment. This was evident by the large number of rigs that we serviced prior to the annual inspection.

The Commanding Officer of the Training Academy would like to express his heartfelt thanks to his limited staff, Captain Carl Duerr, Captain Eugene Anderson and Firefighters Melillo, Fredette, Stoffers, and Shackleford, for their dedication and unselfish motivation toward carrying out all of the programs enumerated in this report. Without these types of individuals it would have been impossible to carry out all our tasks successfully.

And, of course, a large part of our success belongs to Director Claude M. Coleman and Fire Chief Stanley J. Kossup, without whose progressive and enthusiastic leadership it would not have been possible to achieve our stated goals.

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TRAINING DIVISION PERFORMANCE REPORT

<u>ACADEMY TRAINING</u>	<u>SESSIONS</u>	<u>HRS. INSTRU.</u>	<u>ATTENDANCE</u>	<u>MAN HOURS</u>
Recruit Fire Training	60	398	122	8,798
New Jersey Police	2	6	10	60
Company Refresher	12	260	912	2,945
Officer Refresher	<u>8</u>	<u>16</u>	<u>30</u>	<u>417</u>
Totals	82	680	1,074	12,220

<u>SPECIAL TRAINING</u>	<u>SESSIONS</u>	<u>HRS. INSTRU.</u>	<u>ATTENDANCE</u>	<u>MAN HOURS</u>
Preventive Maintenance	4	6	20	40
Driver Training	76	76	76	76
Apparatus Service Test	4	4	4	4
Pump Operations	45	45	45	45
Aerial Ladder	<u>30</u>	<u>30</u>	<u>30</u>	<u>30</u>
Totals	159	161	175	195

FIELD TRAINING

Drills in Quarters	30
Drills out of Quarters	14
Total Drills	44
Hours of Instruction	636
Man Hours	<u>1436</u>
Totals	2160

<u>DEMONSTRATIONS/</u>	<u>NUMBER GIVEN</u>	<u>ATTENDANCE</u>
Fire Prevention	10	943
Extinguisher	16	874
First Aid	<u>2</u>	<u>68</u>
Totals	28	1885

FILMS SHOWN:	22
NO. ATTENDED:	860

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PLANNING AND RESEARCH DIVISION  
ANNUAL REPORT SUBMITTED BY  
JOHN J. VALENT, DEPUTY CHIEF  
FOR THE YEAR 1986

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During the year 1986, the Planning and Research Division provided staff assistance as directed by the Director and Fire Chief. Assistance was also provided to other agencies when requested.

Areas of activities included, but were not limited, to the following:

CAPITAL BUDGET PREPARATION AND MONITORING

1980 Capital Budget:

Reconstruction of Fire Stations:

- (a) 1028-1030 Bergen Street
- (b) 269-277 Park Avenue
- (c) 69-71 Vesey Street

Work is nearing completion.

1983 Capital Budget:

Reconstruction of Fire Stations:

- (a) 526-528 Frelinghuysen Avenue
- (b) 469-473 Ferry Street
- (c) 691-701 North 6th Street

Work is nearing completion.

1984 Capital Budget:

All projects completed.

1985 Capital Budget:

1. Apparatus Replacement:

- (a) Two 100 ft. Aerial (rear mount) Ladder Trucks
- (b) Two 1,000 GPM Pumps

Bids have been awarded; delivery is expected in the Spring of 1987.

Planning and Research Division (2)

1986 Capital Budget (revised):

1. Apparatus Replacement:

- (a) Two - 100 ft. Aerial (rear mount) Ladder Trucks.
- (b) Two - 1,000 GPM Pumpers.

2. New Fire Facilities:

- (a) South Orange Avenue and South 9th Street (Engine Co. 6, Engine Co. 11, And Truck Co. 11.) Design and site plan work in progress.
- (b) Clinton Avenue and Milford Avenue, planning stage (Phase I)

1987 Capital Budget Request:

1. Apparatus Replacement:

- (a) One - 85 ft. Elevating Platform Aerial Ladder Truck.
- (b) One - 1,000 GPM Pumper with Tele-Squirt Accessory.
- (c) One - 1,000 GPM Pumper.
- (d) One - Elevating Platform Work Truck.

2. Fire Station Rehabilitation Program:

- (a) Engine Companies 21, 26, and Truck Co. 12 (Interior)
- (b) Engine Co. 27 and Truck 4.
- (c) Engine Co. 10.

3. Upgrade Emergency Radio Communication System.

4. New Fire Facility

Clinton Avenue and Milford Avenue (Phase II, Construction)

SICK LEAVE AND INJURY REPORTING SYSTEM

Sick and injury leave reports are monitored and coded daily. Reports pertaining to sick and injury leaves are presented to the Director and Fire Chief, on a weekly basis.

MONITORING OF ON-DUTY MANPOWER

Daily roll call records are maintained for all companies. Manpower projections are determined for vacation periods and emergencies, along with overtime needs to ensure adequate manpower.

## Planning and Research Division (3)

### SCHOOLS, CONVENTIONS, SEMINARS

A file and schedule of all upcoming Fire Service educational events are maintained. Arrangements for travel, registration, and expenses are handled through this Division.

### FUEL CONSERVATION (Motor Vehicles)

All motor vehicle fuel consumption within the Department is monitored.

### AFFIRMATIVE ACTION

This Division submits, quarterly, reports to the Human Rights Commission concerning all Department activities in the following areas:

- (a) Appointments
- (b) Retirements
- (c) Demotions
- (d) Resignations

In addition, annual reports of all employment activities and salary listings, on a twelve month basis, from July 1st through June 30th of the following year, are forwarded to the Human Rights Commission.

### MULTIPLE DWELLING FIRE SAFETY INSPECTION PROGRAM

In January 1985, the Planning and Research Division instituted a program of inspecting all multiple dwellings in the city for violations of A.C. smoke detectors in common areas, battery smoke detectors inside dwelling units and second means of egress, for compliance with the New Jersey Hotel and Multiple Dwelling Act. This program was developed in cooperation with the Division of Fire Prevention and Life Safety and the Bureau of Housing Inspection of the New Jersey Department of Community Affairs. To date more than 7,500 buildings have been inspected initiating more than 2,800 violations. An additional re-inspection program was started in July 1985 involving more than 2,600 re-inspections with all records, monitoring, coordination, and liaison with all involved being coordinated by this Division.

The Planning and Research Division performs many additional functions as directed by the Director and Fire Chief, and in addition, responds to requests from other inter-departmental and intra-departmental agencies. Reasonable requests from other organizations are acted upon according to priority and availability of resources.

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COMMUNITY RELATIONS DIVISION  
ANNUAL REPORT SUBMITTED BY  
JOSEPH J. PIERCE, JR.  
FOR THE YEAR 1986

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The Community Relations Division performed the following services during the year 1986:

We operated a twenty-four hour fire victim assistance program. Assisted fire victims in finding emergency shelter in cooperation with public or charitable organizations, such as the Red Cross.

Also, on an around the clock basis, Community Relations shut down illegally opened water hydrants, citywide; maintained a close liaison with the Water Department, advising them as to the hydrant locations requiring the highest priority for installation of a protective device.

The Community Relations Division has absorbed the duties of the Water Officer, coordinating the repair of damaged hydrants discovered by Fire Department personnel and their repair by the Water Department. We have observed the performance of the new "Custodian" hydrant operating nut protective device and found it to be the most effective device installed to date. This technology, we believe, has the ability to solve the illegal hydrant opening problem and the elimination of other types of protective devices, (eliminating the need for fire apparatus to be equipped with more than one special wrench for opening same.) We have strongly recommended the purchase of at least 1,000 of these devices this year to the Director of Engineering, Alvin L. Zach, Jr.

The Water Department made the following repairs and additions: 155 Hydrants were entirely replaced, 1,151 Hydrants were repaired, 1,303 Caps and Chains were replaced, 504 Hydrants were painted, 503 Nipples were replaced, 330 "Custodian" protective devices installed, and 2 Hydrants were removed.

The Division has maintained an active community speaker program. Presentations were made to numerous civic, community, religious, and school groups. During Fire Prevention Week, every public school in the city received a speaker and Fire Prevention presentation. Also during this week, over 60,000 McDonald's Fire Prevention flyers were distributed. In building a community awareness of Fire Prevention Week, the Community Relations Division designed, had privately sponsored, and distributed 3,000 Fire Prevention posters throughout the city.

COMMUNITY RELATIONS DIVISION (2)

In an attempt to brighten the holidays of the city's most needy children, the Division raised money and toys through contributions and donations made by local business organizations and the general public. To achieve their goal, the Division also bought and collected over 4,500 toys. The toys were delivered to a Fire Station to be distributed to the children at community organized parties by uniformed firefighters. Community Relations sponsored and ran a "Fire Department Christmas Party for the Needy" in conjunction with the Mayor's office. Four hundred children attended the party and there were no disappointed participants.

The institution of a Safety Film Library was started this year by the Division. Sponsored by local business, the library has acquired over \$5,000 worth of 16MM film, video, and slide programs. Another local business purchased a remotely operated speaking and moving robot for the Division.

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DATA PROCESSING UNIT  
ANNUAL REPORT FOR 1986  
SUBMITTED BY  
MEMPHIS H. KING  
DATA PROCESSING COORDINATOR

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The Data Processing Unit of the Planning and Research Division has completed various computer applications, which include making the following printouts for Department use:

1. A list of inspections and updating of conditions of hydrants in the city.
2. Personnel listings and history as needed.
3. Monthly vacant building reports.

Attended a seminar at Gateway I, in September of 1986, on Management of a Division.

The Data Processing Unit has performed all the activities and duties as required by the Director and the Fire Chief of the Fire Department.

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PHOTOGRAPHY DIVISION  
ANNUAL REPORT SUBMITTED BY  
FIREFIGHTER LAWRENCE KRIEGER  
FOR THE YEAR 1986

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The following report is herewith respectfully submitted outlining the activities of the Photography Division for the year 1986:

Assignments responded to:

Signal 100 (Arson or Suspected)	26
Signal 200 (Death at Fire)	7
Public Relations (includes appointments, awards, promotions and demonstrations)	24
Special Assignments (includes working in cooperation with other agencies, the Law Department, Division of Fire Prevention and Life Safety, Demolition and Engineering Departments)	109
Total Assignments:	166

Dark Room Activities Include:

Black and White negatives developed	3,144
Black and White prints processed	4,558
Color negatives developed	620
Color prints processed	1,008

I wish to extend my sincere thanks to all the Officers and Members of the Fire Department for their cooperation and assistance throughout the past year.

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NEWARK OFFICE OF  
EMERGENCY MANAGEMENT  
ANNUAL REPORT SUBMITTED BY  
ROBERT D. SWALES  
DEPUTY COORDINATOR  
FOR THE YEAR 1986

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By municipal ordinance dated July 22, 1986, the Office of Emergency Management (Civil Defense and Disaster Control) became a division within the Fire Department, headed by the Deputy Director of Emergency Management.

The objectives of the Newark Office of Emergency Management are to provide the citizens with an adequate and properly maintained Public Air Raid Warning System, sufficient fallout shelters, either community or private, properly stocked and protected, an equipped administrative office, detailed plans for survival actions under various conditions and the full participation of all departments, agencies (public or private) that have a potential contribution to make adequate plans for the management of all resources in the City, both public and private, a proper system of inspection and security of supplies, implementation of the State plans for the continuity of government, at all levels, during emergencies, as well as the continual updating of all such plans, education of the public, the recruiting and training of volunteer auxiliary personnel who would supplement various city departments, to provide coordination with the military establishments, reserve or regular, within the geographical boundaries of the city, for their assistance, if needed.

The Newark Office of Emergency Management responded to over 60 hazardous materials incidents in 1986, in addition to several major fires. The nature of these responses included on-site investigation of incidents, coordination of efforts with the Department of Environmental Protection (DEP), the Haz-Mat Unit and other units of the Newark City Fire Department, the Environmental Protection Agency (EPA), and the Newark Department of Engineering to evaluate the hazard and to determine the steps to be taken in response, and in some cases, actions leading to the apprehension of responsible parties. The agency (OEM) maintains an interest in each incident from discovery through clean-up, and monitors the activities of contractors and other public and private agencies to ensure that the situation is corrected. The OEM keeps records of all reported incidents and maintains files on all hazardous materials sites. The Newark OEM also has the responsibility for opening temporary shelters for citizens who may be displaced in these incidents.

During the year of 1986, the Office of Emergency Management participated in monthly warning tests through N.J.C.J.I.S. and the County radio systems. In accordance with guidelines to update the Emergency Operating Plan every two years, the Office of Emergency Management updated, submitted and had tentative approval for E.O.P. by State Emergency Management Offices. O.E.M. completed a multi-year development plan, and also initiated a program of stocking, rotating and transporting radiological monitors and other radiological supplies in an effort to enhance the Radiological Defense capability. The equipment was transferred from the City to the State Radiological Section on a regular basis for maintenance testing and repair.

## Office of Emergency Management (2)

It is anticipated that because of the changing times and greater recognition of the importance of the Office of Emergency Management, there will always be room to more clearly accomplish the precepts of the objectives and, perhaps more important, many of the objectives will become more acceptable to local citizens, business, and industry and government.

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FIRE AUXILIARY SERVICE  
ANNUAL REPORT SUBMITTED BY  
ROBERT D. SWALES  
DEPUTY COORDINATOR  
FOR THE YEAR 1986

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During the year 1986, there were 14 new applicants for the Newark Fire Auxiliary Fire Service, three men left the unit for personal reasons, bringing the present total to 90 active members and 100 semi-active members. Also, two of the men were promoted to the rank of Captain.

The members reported to the fire houses 921 times and spent 4,595 hours on duty; responded to 1,290 alarms and spent 563 hours working at fires, 150 hours on drills in and out of quarters.

A special drill was held on October 11th, in the smoke tower at the Fire Training Center, conducted by Fire Captain Charles Manara, demonstrating the proper use of face masks.

This unit extends a special word of thanks to Fire Captain Charles Manara for a job well done. He has been re-assigned to duty in the field on October 1, 1986. As a fire captain in the Newark Fire Department he trained the auxiliaries, giving them the benefit of his years of experience, molding them into an efficient and effective unit.

F/F Charles Alaimo assumed the position of Coordinator/ Auxiliary Fire Services, and held three meetings and drills in December at the Fire Training Academy, under the direction of Deputy Fire Chief Joseph Pierce. A recruiting drive for new members was launched for the coming year.

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MEDICAL DIVISION  
ANNUAL REPORT SUBMITTED BY  
MORRIS HALPER, M. D.  
FOR THE YEAR 1986

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During the year of 1986, as part time Fire Department Surgeon, my basic availability to the Fire Department was two days per week in addition to any special consultation requested by the Director or the Fire Chief.

Medical records of members on injury or sick leave were routinely examined and an evaluation of their condition and progress was submitted to the Fire Chief.

During 1986, approximately 64 Firefighter candidates and several Fire Alarm Operator candidates, considered for appointment to the Fire Department, have been examined by me. Recommendations and findings concerning the candidates' health were submitted to the Director and the Fire Chief.

I wish to take this opportunity to thank all the Officers and Members of the Fire Department who have cooperated with me in providing service to members of the Fire Department.

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ANNUAL REPORT  
SUBMITTED BY THE  
CATHOLIC CHAPLAIN  
REV. HORTON J. RAUGHT  
FOR THE YEAR 1986

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The following is a report of my activities as Chaplain of the Newark Fire Department for the year 1986.

Responded to multiple alarms when summoned. In 1986 I responded to 81 fires of which 61 were multiple alarms. When necessary I accompanied injured firefighters to the hospital from the fire scene.

Visited the various hospitals in the area to attend members of the Fire Department who were ill or injured in the line of duty. Visits were also made to members of their families when notified of their illness.

Attended all swearing-in ceremonies of new Fire Department personnel as well as promotion ceremonies.

Attended wakes for the deceased members of the Fire Department or members of their families. I participated at funeral services of members of the Department, both active or retired.

I was available for and participated in conferences with members of the Department or their families.

I conducted the 63rd Annual Memorial Service for the deceased members of the Newark Fire Department. This Annual Memorial Mass and Service was conducted at St. Patrick's Pro-Cathedral, Newark, New Jersey.

Attended Fire Prevention demonstrations and all other activities pertaining to Fire Department affairs and those sponsored by the Fire Department Historical Association and the Bell and Siren Club, Inc.

I wish to express my deep and sincere gratitude to Director Claude M. Coleman, Fire Chief Stanley J. Kossup, and to all the Officers and Members of the Newark Fire Department for the friendship, courtesy and cooperation they have shown me.

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ANNUAL REPORT  
SUBMITTED BY  
THE JEWISH CHAPLAIN  
RABBI HORACE L. ZEMEL  
FOR THE YEAR 1986

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As Jewish Chaplain of the Newark Fire Department, I have, to the best of my ability, answered fire calls when summoned, attended the sick and dying, participated in public functions, and in general, lent myself in full capacity as clergyman over all those to whom I minister, in whatever contingency my services were needed.

Once again, the making of this report gives me the opportunity of letting you know that I am cognizant of the many courtesies extended to me in the performance of the duties of my office, for which I am extremely grateful.

May I wish you, and through you, all members of the Fire Department, a year marked by peace in the world, order in our government, health in the home, and success in every worthwhile effort.

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THE BELL AND SIREN CLUB, INC.

ANNUAL REPORT  
FOR THE YEAR 1986

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The Bell and Siren club, organized in 1949, is a non-profit, voluntary group, dependent upon membership dues, social functions, and the contributions of the firefighters of the communities it serves, to finance its activities and acquire and maintain its equipment.

Membership is limited to 50 active members whose conduct must adhere to the official Club Code of Operations. Public officials and candidates for public office are not eligible for membership.

The Club serves free refreshments of coffee, orange drink, tea, hot soup, etc., from a mobile canteen unit, "The Rig", to firefighters at the scene of a fire, inside the fire lines.

The Rig is owned by the Club, but it is quartered with Rescue Co. 1, courtesy of the Mayor and the Newark Fire Department.

During 1986, the Club responded to 88 fire emergencies, comprising of:

- 44 Second Alarms
- 7 Third Alarms
- 1 Fourth Alarm
- 21 Special Calls
  - 6 Multiple Alarms in East Orange
  - 1 Multiple Alarm in South Orange
  - 1 Multiple Alarm in West Orange
  - 3 Multiple Alarms in Irvington
  - 1 Multiple Alarm in Belleville
  - 1 Special Call in Bloomfield
  - 2 Special Calls in Orange

Services rendered included:

5,886 cups of coffee	1,060 Cups of hot chocolate
3,441 cups of iced tea	55 cups of beef broth
136 cups of cold drink	230 doz. cookies and cake
338 cups of hot tea	188 cigarettes
158 cups of water	25 lbs. of beef stew

We extend our thanks and appreciation to the elected officials of the city of Newark, to Fire Director Claude M. Coleman, and to Fire Chief Stanley J. Kossup, and all the Officers and Members of the Newark Fire Department, for their help and assistance during the past year.